AMERICAN RAILROAD JOURNAL,

STATES TO ST

AND GENERAL ADVERTISER

FOR RAILROADS, CANALS, STEAMBOATS, MACHINERY,

AND MINES.





PUBLISHED WEEKLY, AT No. 23 CHAMBERS STREET, NEW YORK, AT FIVE DOLLARS PER ANNUM.

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SATURDAY, FEBRUARY 29, 1846.

[WHOLE No. 505, Vol. XIX.

BOSTON AND MAINE RAILROAD.
Upper Route, Boston to Portland via, Reading,
Andover, Haverhill, Exeter, Dover, Great Falls, South & North

Berwick, Wells, Kennebunk and Saco.

Spring Arrangement, 1846.

On and after March 2, 1846, Passenger Trains will leave daily, (Sundays excepted,) as follows:

Boston for Portland at 7½ a.m. and 2½ p.m.

Boston for Great Falls at 7½ a.m., 2½ and 3½ p.m. Boston for Haverhill at 74 and 111 a.m., 21, 31 and

Portland for Boston at 74 a.m., and 3 p.m. Great Falls for Boston at 61° and 94 a.m., and 44

Haverhill for Boston at 61, 81, and 11 a.m., and

3 and 61 p.m.

The Depot in Boston is on Haymarket Square. Passengers are not allowed to carry Baggage above \$50 in value, and that personal Baggage, above \$50 in value, and that personal Bassass, unless notice is given, and an extra amount paid, at the rate of the price of a Ticket for every \$500 additional value.

CHAS. MINOT,

February 23, 1846.

Ly Super't.

February 23, 1846. BOSTON AND PROVIDENCE RAIL-road. Passenger Notice. Winter Arrange-ment. On and after Mon-day, Nov. 3, the Passenger

Trains will run as follows

Trains will run as follows:

For New York—night line, via Stonington.—
Leaves Boston every day, but Sunday, at 4½ p.m.
Accommodation trains, leave Boston at 8 a.m. and 3½ p.m., and Providence at 8 a.m. and 3½ p.m.
Dedham trains, leave Boston at 9 a.m. 3, 5½ and 10 p.m. Leave Dedham at 8 and 10½ a.m., and 4½ and 7 p.m.

Stoughton trains, leave Boston at 12 m. and 4 p.m. Leave Stoughton at 820 a.m. and 22 p.m.

4 p.m. Leave Stoughton at 8.20 a.m. and 21 p.m. All baggage at the risk of the owners theneof. N.B. The last train to and from Boston and Ded-

ham, will be omitted in ease of a severe snow storm. W. RAYMOND LEE, Sup't. 31 ly BRANCH RAILROAD and STAGES CON-

necting with the Boston and Providence Railroad. Stages connect with the Accommodation trains at the Foxboro' Station, to and from Woonsocket. At the Seekonk Station, to and from Lonsdale, R. I. via Pawtucket. At the Sharon Station, to and from Walpole, Mass. And at Dedham Village Station, to and from Medford, via Medway, Mass. At Providence, to and from Bristol, via Warren, R. I.—Taunton, New Bedford and Fall River cars run in connection with the accommodation trains. connection with the accommodation trains.

RAILROAD IRON.—THE "MONTOUR Iron Company," Danville, Pa., is prepared to execute orders for the heavy Rail Bars of any pattern now in use, in this country or in Europe, and equal in every respect in point of quality. Apply to MURDOCK, LEAVITT & CO., Agents.

48 by AILROAD IRON,-THE "MONTOUR

Corner of Cedar and Greenwich Sts.

VORWICH AND WORCESTER RAIL-Road. On and after May 22, 1845, Trains . On and after May 22, 1845, Trains will leave as follows, viz:— Accommodation Trains, daily,

except Sunday. Leave Norwich, at 6 a.m., and 44 p.m. Leave Worcester, at 10 a.m., and 44 p.m.

The morning train from Norwich, and the morning and evening trains from Worcester, connect with the Boston, Western, and Hartford and Springfield railroads.

New York Train, via Steamboat. Leaves Nor wich for Worcester and Boston, every morning except Monday, upon the arrival of the boat from New York, about 2 a.m. Leaves Worcester for Norwich and New York, at 51 p.m., daily, except

Sunday.

New York Train, via Long Island Railroad.—
Leaves Norwich about 3 p.m., for Worcester and
Boston, daily, except Sunday, Leaves Worcester
for Norwich and New York, at 74 a.m., daily, except Sunday, and arrives in Norwich at 94.

Freight Trains. Daily, except Sunday.

Fares are less when paid for Tickets, than
when raid in the cars.

when paid in the cars.

EMERSON FOOTE,

Superintendent.

NEW YORK AND HARLEM RAIL Road Company.—Winter Arrangement.

On and after November 3d, 1845, On and after November 3d, 1845, the cars will run as follows: Leave City Hall for Yorkville, Harlem, Morrisiana, and Williams' Bridge,

7 30 A.M. 7 30 "

This train leaves 27th st.
Does not stop this side of Harlem.
Does not stop this side of Harlem. 11 30

P.M. Does not stop this side of Harlem.

30 Does not stop this side of Harlem.

Leave White Plains for City Hall-8-10, 11-10

Leave White Plains for City Hall—8:10, 11:10 a.m., and 1:45, 4:10 p.m.

Leave Tuckahoe for City Hall—8:20, 11:20 a.m., and 1:55, 4:20 p.m.

Leave Williams' Bridge for City Hall—8:45, 11:45 a.m. and 12:45, 2:15, 3:45, 4:45, and 5:45 p.m.

Leave Morisiana for City Hall—8, and 9:10 a.m., and 12:10, 1:10, 2:40, 4:10, 5:10, and 6:10 p.m.

The freight train will leave City Hall at 12:45 p.m. and leave White Plains at 11:10 a.m. All freight must be at the City Hall between the hours of 10:30 m.m. am, and 12:30 p.m. The White Plain trains will a.m. and 12:30 p.m. The White Plain trains will stop, after leaving the City Hall, only at the corner of Broome street and the Bowery, Vauxhall Garden and 27th street.

The City Hall and 27th street line will run every

6 minutes from 7-30 a.m. to 6 p.m.
The City Hall and 27th street night line will run every 20 minutes from 8 to 12 o'clock.

49 ly to the state of the weather.

NEW YORK AND ERIE RAILROAD LINE, For Middletown, Goshen, and inter-mediate places. Two daily lines each way, as follows:

For passengers, the new, and commodious steamboat For passengers, the new, and commodious steamboat St. Nicholas, Capt. Alex. H. Shultz, will leave the foot of Duane street daily, [Sundays excepted.] at 7‡ o'clock, A.M., and 5 o'clock, P.M., through in five hours. Returning, the cars will leave Middletown at 6, A.M., and 4‡, P.M. For further particulars inquire of J. Van Rensselaer, Agent, corner of Duana and West streets,

H. C. SEYMOUR, Superintendant.
Stages run from Middletown daily, in connection
with the afternoon line, to Bloomingburg, Wustaboro, Monticello, Mt. Pleasant, Binghampton, Owago, Port Jervis, Honesdale Carbondale, etc.
On Monday, Wednesday, and Friday, to Dundaft, Montrose, Friendsville, Lenox, Brooklyn, etc.,
31 1y

BALTIMORE AND OHIO RAILROAD.
MAIN STEM. The Train carrying the
Great Western Mail leaves Baltimore every morning at 71 and Cumberland at 8 o'clock, passing Ellicott's Mills, Frederick, Harpers Ferry, Martinsburgh and Hancock, connecting daily each way with—the Washington Trains at the Relay House seven miles from Baltimore, with the Winchester Trains at Harpers Ferry—with the various railroad and steamboat lines between Baltimore and Philadelphia and with the lines of Post Coaches between Cumberland and Wheeling and the fine Steamboats on the Monongahela Slack Water between Brownsthe Monongahela Slack Water between Browns-ville and Pittsburgh. Time of arrival at both Cum-berland and Baltimore 5½ P. M. Fare between those points \$7, and 4 cents per mile for less distan-ces. Fare through to Wheeling \$11 and time about 36 hours, to Pittsburgh \$10, and time about 32 hours. Through tickets from Philadelphia to Wheeling \$13, to Pittsburgh \$12. Extra train daily except Sundays from Baltimore to Frederick at 4 P. M., and from Frederick to Baltimore at 8 A. M.

WASHINGTON BRANCH.

Daily trains at 9 A. M. and 5 P. M. and 19 at night from Baltimore and at 6 A. M. and 51 P. M. from Washington, connecting daily with the lines North, South and West, at Baltimore, Washington and the Relay house. Fare \$1 60 through between and the Relay house. Fare \$1 60 through betwee Baltimore and Washington, in either direction, cents per mile for intermediate distances. s13

DAVIS, BROOKS & Co., 30 WALL ST. Have now on hand and for sale, 200 tons 21 x 1 inch Flat punched Rails, Bars 18 feet each.

The City Hall and 27th street night line will run very 20 minutes from 8 to 12 o'clock.

On Sundays the trains will be regulated according the state of the weather.

On Sundays the trains will be regulated according to the state of the weather.

BALTIMORE AND SUSQUEHANNA Railroad. The Passenger train runs daily except Sunday, as follows: Leaves Baltimore at 9 am, and arrives at 61 p.m. Arrives at York at 121 p.m., and leaves for Columbia at 11 p.m. Leaves Columbia at 2 p.m., and leaves York for Baltimore at 3 p.m. Fare to York \$2. Wrightsville \$2 50, and Columbia \$2 621. The train connects at York 3 p.m. Fare to York \$2. Wrightsville \$2 50, and Columbia \$2 62\. The train connects at York with stages for Harrisburg, Gettysburg, Chambersburg, Pittsburg and York Springs.

Fare to Pittsburg. The company is authorized by the proprietors of Passenger lines on the Pennsylvania improvements, to receive the fare for the whole distance from Baltimore to Pittsburg. Baltimore to Pittsburg.—Fare through, \$9 and \$10.

fice daily, Sundays excepted, at 31 p.m. for Cockeys-

ville, Parkton, Green Springs, Owings' Mills, etc. Returning, leaves Parkton at 6 and Cockeysville and Owings' Mills at 7, arriving in Baltimore at 9 o'clock a.m.

Tickets for the round trip to and from any point can be procured from the agents at the ticket offices or from the conductors in the cars. The fare when tickets are thus procured, will be 25 per cent. less, and the tickets will be good for the same and following da any passenger train.

D. C. H. BORDLEY, Sup't, Ticket Office, 63 North st.

CENTRAL RAILROAD-FROM SAVAN-nah to Macon. Distance 190 miles. This Road is open for the trans-

Freight. Rates of Passage, \$8 00. Freight—On weight goods generally... 50 cts. per hundred. On measurement goods 13 cts. per cubic ft. On brls. wet (except molasses

GEORGIA RAILROAD. FROM AU-GUSTA to ATLANTA-171 MILES. AND WESTERN AND ATLANTIC RAILROAD FROM AT-LANTA TO OOTHCALOGA, 80 MILES.

This Road in connection with the South Carolina Railroad and Western and Atlantic Railroad now forms a con-tinuous line, 388 miles in length, from Charleston to Oothcaloga on the Oostenania River, in Cass Co.,

Rates of Freight, and Passage from Augusta to Ooth-

On Boxes of Hats, Bonnets, and Furniture per foot.
" Dry goods, shoes, saddlery, drugs, etc., per 100 lbs.....

Passengers \$10-50; children under 12 years of age

half price. sengers to Atlanta, head of Ga. Railroad, \$7. German or other emigrants, in lots of 20 or more, will be carried over the above roads at 2 cents

Goods consigned to S. C. Railroad Co. will be forwarded free of commissions. Freight may be

paid at Augusta, Atlanta, or Oothcalog J. EDGAR THOMSON,

Ch. Eng. and Gen. Agent Augusta, Oct. 21 1845.

WHARF BOLTS. THE SUBSCRI-bers are now ready to Contract to deliver Wharf Bolts, at a reduction of 10 per cent. on last year's prices. SAM'L KIMBER & CO. 59 North Wharves, Philade'phia.

WESTERN AND ATLANTIC RAILroad. The Western and Atlantic Rail-road is now in operation to Ma-rietta, and will be opened to Car-tersylle, in Cass county, on the 20th of October-

Xenia at 11 o'clock, A.M.
Returning, leaves Xenia at 81 o'clock, A.M.
Freight Trains run daily, Sundays excepted.
At Xenia, Passenger Trains connect with daily lines of stages to Columbus, Wheeling, Cleve-

ly lines of stages to land and Sandusky city.

W. H. CLEMENT Supt. and Engineer.

EXINGTON AND OHIO RAILROAD.

Trains leave Lexington for Frankfort daily,
at 5 o'clock a.m., and 2 p.m.

Trains leave Frankfort for Lexington daily, at 8 o'clock a.m. and 2 p.m. tance, 28 miles. Fare \$1.25.

On Sunday but one train, 5 o'clock a.m. from Lexington, and 2 o'clock p.m. from Frankfort. The winter arrangement (after 15th September to

15th March) is 6 o'clock a.m. from Lexington, and 9 a.m. from Frankfort, other hours as above.

It is never touched by passing trains, except when in use, preventing their running off the track. It is simple in its construction and operation, requiring only two Castings and two Rails; the latter, even if

much worn or used, not objectionable.

Working Models of the Safety Switch may be een at Messrs. Davenport and Bridges, Cambridgeport, Mass., and at the office of the Railroad Journal New York.

Plans, Specifications, and all information obtained on application to the Subscriber, Inventor, and Pa-tentee. G. A. NICOLLS, Reading, Pa

EARNEY FIRE BRICK. F. W. BRINLEY, Manufacturer, Perth Amboy, N. J. Guaranteed equal to any, either domestic or foreign. Any shape or size made to order. Terms, 4 mos, from delivery of brick on board. Refer to

James P. Allaire, Peter Cooper, Murdock, Leavirt & Co. New York J. Triplett & Son, Richmond, Va.
J. R. Anderson, Tredegar Iron Works, Richmond, Va.

J. Patton, Jr.
Colwell & Co.
J. M. L. & W. H. Scovill, Waterbury, Con.
N. E. Screw Co.
Eagle Screw Co.
William Parker, Supt. Bost. and Worc. R. R.
New Jersey Malleable Iron Co., Newark, N. J.
Gardiner, Harrison & Co. Newark, N. J.
25,000 to 30,000 made weekly.

35 1y

VIS, BROOKS & CO., 30 WALL ST. have on hand for sale, Railway Iron of different sizes—heavy and flat

DROVIDENCE & WORCESTER R. R. Notice to Contractors. The time for receiving proposals has been extended to the 11th March. The route is ready for examination, and blank proposals and specifications may be had at Worcester and Providence. All proposals must be sealed, accompanied by the sealed accompa nied by names of references and surities, and rected to the engineer, at Providence, prior to the above date. T. WILLIS PRATT, Engineer.

MACHINE WORKS OF ROGERS, Ketchum & Grosvenor, Patterson, N. J. The undersigned receive orders for the following articles, manufactured by them of the most superior description in every particular. Their works beingexten-sive and the number of hands employed beinglarge, they are enabled to execute both large and small orders with promptness and despatch.

Railroad Work.

ocomotive steam engines and tenders; Driving and other locomotive wheels, axles, springs & flange tires; car wheels of cast iron, from a variety of patterns, and chills; car wheels of cast iron with wrought tires; axles of best American refined iron; springs; boxes and bolts for cars.

Cotton, Wool and Flax Machinery of all descriptions and of the most improved patterns,

style and workmanship.

Mill gearing and Millwright work generally;
hydraulic and other presses; press screws; callenders; lathes and tools of all kinds; iron and brass castings of all descriptions.
ROGERS, KETCHUM & GROSVENOR,

Paterson, N. J., or 60 Wall street, N. York. TO RAILROAD COMPANIES AND MAN-ufacturers of railroad Machinery. The subscribers have for sale Am. and English bar iron, of all sizes; English blister, cast, shear and spring steel; NICOLL'S PATENT SAFETY SWITCH

for Railroad Turnouts. This invention, for some time in successful operation on one of the principal railroads in the country, effectually prevents engines and their trains from running off the track at a switch, left wrong by accident or design.

It acts independently of the main track rails, being laid down, or removed, without cutting or displacing them.

It is never touched by passing trains expert when

the order, a fit to those wheels is guaranteed, saving to the purchaser the expense of turning them out inside.

THOMAS & EDMUND GEORGE,
ja45

N. E. cor. 12th and Market sts., Philad., Pa.

THE SUBSCRIBERS, SOLE AGENTS for the sale of

Codorus, Glendon, Spring Mill, and Valley, Pig Iron.

Have now a supply, and respectfully solicit the patronage of persons engaged in the making of Machinery, tor which purpose the above makes of Pig Iron are particularly adapted.

They are also sole Agents for Watson's celebrated the solicity of the solici

ed Fire Bricks and prepared Kaolin or Fire Clay,

orders for which are promptly supplied.
SAM'L. KIMBER, & CO.,
59 North Wharves,
Jan. 14, 1846. [1y4] Philadelphia, Pa. CEORGE VAIL & CO., SPEEDWELL IRON
Works, Morristown, Morris Co., N. J.—Manufacturers of Railroad Machinery; Wrought Iron Tires, made from the best iron, either hammered or rolled, from 1) in, to 2 in thick.—bored and turned outside if required. Railroad Companies wishing to order, will please give the exact inside diameter, or circumference, to which they wish the Tires made, and they may rely upon being served according to order, and also punctually, as a large quantity of the straight bar is kept constantly on hand.—Crank Axles, made from the best refined iron; Straight Axles, for Outside Connection Engines; Wro't. Iron Engine and Truck Frames; Railroad Jack Screws; Railroad Pumping and Sawing Ma-chines, to be driven by the Locomotive; Stationary bars.

A Steam Pile Driver—built by "Dunham & Co."
—in complete order; has never been used, and for sale a bargain. Cost originally \$5,000. Also 12
Railway Passenger Cars, that have never been used, which will be sold a bargain.

Chines, to be driven by the Locomotive; Stationary Steam Engines; Wro't. Iron work for Steamboats, and Shatting of any size; Grist Mill, Saw Mill and Paper Mill Machinery; Mill Gearing and Mill Wright work of all kinds; Steam Saw Mills of simple and economical construction, and very effective Iron and Brass Castings of all descriptions.t

M

RAILROAD IRON AND LOCOMOTIVE
Tyres imported to order and constantly on hand
by
A. & G. RALSTON
Mar. 20tf

A South Front St., Philadelphia.

CUSHMAN'S COMPOUND IRON RAILS.

C etc. The Subscriber having made important improvements in the construction of rails, mode of guarding against accidents from insecure joints, etc.

THE NEWCASTLE MANUFACTURING Company continue to furnish at the Works, situated in the town of Newcastle, Del., Locomotive and other steam engines, Jack screws, Wrought iron work and Brass and Iron castings, of all kinds connected with Steamboats, Railroads, etc.; Mill Gearing of every description; Cast wheels (chilled) of vantageous to the varied interests connected vanta work and Brass and Iron castings, of all kinds con-

will be executed with promptness and despatch.

Communications addressed to Mr. William H.

Dobbs, Superintendent, will meet with immediate attention.

ANDREW C. GRAY.

President of the Newcastle Manuf. Co.

CUSHMAN'S COMPOUND IRON RAILS. etc. The Subscriber having made important improvements in the construction of rails, mode of guarding against accidents from insecure joints, etc.—respectfully offers to dispose of Company, State Rights, etc., under the privileges of letters patent to Railroad Componies, Iron Founders, and others interested in the works to which the same relate. Companies reconstructing their tracks now have an op-

Albany, N. Y.

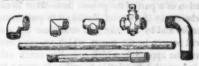
Mr. C. also announces that Railroads, and other works pertaining to the profession, may be construct ed under his advice or personal supervision. Applications must be post paid.

O RAILROAD COMPANIES AND BUILD T ERS OF MARINE AND LOCOMOTT ENGINES AND BOILERS.

PASCAL IRON WORKS.

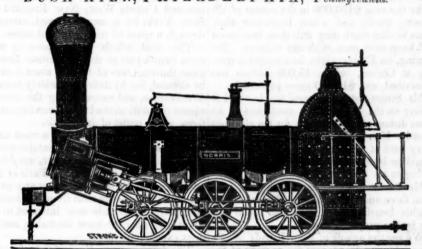
WELDED WROUGHT IRON TUBES

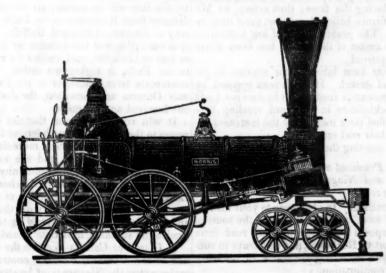
From 4 inches to 1 in calibre and 2 to 12 feet long, capable of sustaining pressure from 400 to 2500 lbs. per square inch, with Stop Cocks, T, L, and other fixtures to suit, fitting together, with screw joints, suitable for STEAM, WATER, GAS, and for LOCOMOTIVE and other STEAM BOILER Forus.



Manufactured and for sale by MORRIS, TASKER & MORRIS. arehouse S. E. Corner of Third & Walnut Street PHILADELPHIA.

NORRIS, LOCOMOTIVE WORKS. BUSH HILL, PHILADELPHIA, Pennsylvania.





ANUFACTURE their Patent 6 Wheel Combined and 8 Wheel Locomotives of the following descrip M tions, v

Class	1,	15 inche	s Dia	meter of	Cylinder,	×	20	inches	Stroke.	
66	2	14	44	46		X	24	44	44	
	3,	144	£.	44	66	X	20	44	64	
"	4.	121	44	44	44	X	20	44	- 44 .	
66	5.	111	. 66	46	66	X	20	44	66	
.66	6,	101	44	4	16 .	X	18	, 44	4	

With Wheels of any dimensions, with their Patent Arrangement for Variable Expansion. Castings of all kinds made to order: and they call att ntion to their Chilled Wheels for the Trucks of Locomptives, Tenders and Cars.

NORRIS, BROTHERS.

RAILROAD IRON. - THE MARY-LAND AND NEW YORK IRON AND Coal Company are now prepared to make contracts for Rails of all kinds. Address the Subscriber, at Jennon's Run, Alleghany County, Maryland. WILLIAM YOUNG,

President.

TO IRON MASTERS.—FOR SALE.—MILL.

SITES in the immediate President. TO IRON MASTERS.—FOR SALE.—MILL.

SITES in the immediate neighborhood of Bituminous Coal and Iron Ore, of the first quality, at
Ralston, Lyoming Co., Pa. This is the nearest
point to tide water where such coal and ore are
found together, and the communication is complete
with Philadelphia and Baltimore by canals and The interest on the cost of water power railways. and lot is all that will be required for many years the coal will not cost more than \$1 to \$1 25 at the mill sites, without any trouble on the part of the manufacturer; rich iron ore may be laid down still more cheaply at the works; and, taken together more cheaply at the works; and, taken together these sites offer remarkable advantages to practical manufacturers with small capital. For pamphlets, descriptive of the property, and further information, apply to Archibald McIntyre, Albany, to Archibald Roberts m, Philadelphia, or to the undersigned, at No. 23 Chambers street, New York, where may be seen specimens of the coal and ore.

W. R. CASEY, Civil Engineer,

VALUABLE PROPERTY ON THE MILL Dam For Sale. A lot of land on Gravelly Point, so called, on the Mill Dam, in Roxbury, fronting on and east of Parker street, containing 68,497 square feet, with the following buildings thereon standing

Main brick building, 120 feet long, by 46 ft wide, two stories high. A machine shop, 47x43 feet, with large engine, face, screw, and other lathes, suitable to do any kind of work.

Pattern shop, 35x32 feet, with lathes, work bench-

es, &c.
Work shop, 86x35 feet, on the same floor with the

Work shop, 86x35 feet, on the same noor with the pattern shop.

Forge shop, 118 feet long by 44 feet wide on the ground floor, with two large water wheels, each 16 feet long, 9 ft diameter, with all the gearing, shafts, drumas, pulleys, &c., large and small trip hammers, furnaces, forges, rolling mill, with large balance wheel and a large blowing apparatus for the foundry.

Foundry, at end of main brick building, 60x451 feet two stories high, with a shed part 451x20 feet, containing a large air furnace, cupola, crane and

corn oven.

Store house—a range of buildings for storage, etc., 200 feet long by 20 wide.

Locomotive shop, adjoining main building, front-ing on Parker street, 54x25 feet.

Also—A lot of land on the canal, west side c Parker st., containing 6000 feet, with the following buildings thereon standing:

Boiler house 50 feet long by 30 feet wide, two sto-

Blacksmith shop, 49 feet long by 20 feet wide For terms, apply to HENRY ANDREWS, 48 State st., or to CURTIS, LEAVENS & CO., 106 State st., Bostom, or to A. & G. RALSTON & Co., inuadelphia.

CYRUS ALGER & CO., South Boston Iro Company. ing shares are reported:

Rochester, Lockport and Niagara Falls Railroad.

We have had upon our table for some time pas Mr. C. B. Stuart's report of his examinations and estimate for a railroad from Rochester to Lockpor whereas by the way of Buffalo it is put down at 97 miles and by the lake and steamboat 106 miles. It will be seen by the report, which we give entire, except the appendix, which embodies much valuable information in relation to railroads, drawn from of \$4,000, and \$6,000 more promised. On reliable sources, of course—as much of it is from the American Railroad Journal-that the subject is pre-

Mr. S. does not give the grades and curves, but from the nature of the country, we can readily imagine them to be of the most favorable character.

This is an important link in the great western chain as it will be in almost a direct line to the falls, Hamilton, Detroit and St. Josephs.

It is proposed to cross the Niagara river, a short distance below the falls, on a wire suspension bridge, of 700 feet span and more than 200 feet above the water, and thus connect with the Great Western railroad through Canada West, via. Hamilton and London to Windsor opposite Detroit, and there to connect with the Central railroad through Michigan to St. Josephs-and ultimately around the lake to Chi-saving to all thecitizens. cago and the west!

It appears by the movements at Rochester and along the line, that the people are quite in earnest, though it will of course meet with opposition from some who are interested in the present line to Buffalo, yet we feel quite sure that the regular increase of business by the end of three years, when we may presume this road will be completed, will furnish busiuess enough to yield fair returns upon both roads; but whether it does or not, we have not a doubt but that this road will be constructed as "direct lines," between important points are to become in this country, as in England, the order of the day.

We find in the "Rochester American," of the 14th inst., the following account of a meeting of the citizens of Rochester, in furtherance of this road, at which Mr. Stuart, the engineer who has it in charge made statements very satisfactory in relation to the prospect of obtaining the necessary amount of capital for the work. When the people along the line have shown their confidence in the enterprize, we understand Mr. Stuart is to visit Boston and New York, to offer the citizens an opportunity to take the balance, and we hope he may meet with a favorable reception.

Railroad Meeting.—An adjourned meeting of the citizens of Rochester, in furtherance to that continuation. of the Lockport and Rochester railroad was held last evening at the court house, Hon. S. Miller in the chair. C. K. Amsden, Esq., was appointed secretary.

C. B. Stuart, Esq., reported in behalf of himself and others, the progress made in res pect to obtaining subscriptions to the stock.

The returns from the wards are partial, following shares are reported:

	1st	ward																75	share
	2d	66																30	66
	5th	33															 1	18	66
t,	2d 5th 6th	46											-					54	48
	7th																	16	66
rt					,												- 0	N)3	

scribed, and pledges given for \$4,400 more the present week. On Wednesday evening, Ridgeway. Stock was taken to the amount places in the great west. make the sum \$150,000 in the course of the present week; and when Rochester shall come to that mark they will then start anew and keep even pace with our citizens. Returning, on Friday night, he attended a meeting at Gaines, where 15,000 dollars was subscribed, and \$10,000 more promised.

Mr. Stuart stated that good maple wood is selling on the route of this road, and at no nience of a difficult and sometimes impassable great distance from this city, for ten shillings a cord. If the road were built, the price of every cord of wood consumed in Rochester

Mr. Stuart proceeded at length, and with great force and perspicuity to show the inestimable benefits to be conferred upon our

city by the proposed road.

We see the agents of the railroads at Albany lobbying to prevent the passage of the bill reducing the fares; thus acting, as Mr. Stuart firmly believed, against their own interest. The profitableness of low fares is not a mere matter of theory; it has been abundantly proved.

He has been laboring for months to get this road started. He had been opposed by the Tonawanda road. But he does not doubt that stockholders in that road residing here would find their interest by the increased value of their real estate.

The meeting then adjourned, sine die.

To the President and Directors of the Lock-port and Niagara Falls Railroad Com-

GENTLEMEN: In obedience to your instructions, I have carefully examined the route of the proposed extension of your road from Lockport to Rochester, and beg leave to sub-

It is now some ten years, since the wants of the public seemed to point to the necessity of this work, but since the revival of the spirit of improvement in this country, new motives for its accomplishment have presented themselves, which now urge its immediate consummation. It is my purpose to present these motives in a brief view, which will serve to show the importance and value of lic convenience.

There is now a line of railroads extending from Boston to Rochester, a distance of four hundred and sixty-one miles, and another from Lockport to Niagara, a distance of twenty-two miles, (but which will be shortened two direct, and the reconstruction of the present road from thence to the falls. The distance from Rochester to Lockport is 56 miles, and from there, by are-location of a part of the present line—20 or 76 miles of Clarkson, at which \$10,700 was sub-be filled up, to open the shortest line from the eastern cities, to one of the greatest natural wonders of the world; as well as the most he attended a large meeting of farmers at direct route from Boston to Detroit, and other

It is now known to the public that the ca-Thursday evening he attended a crowded pital stock of \$6,000,000 has been secured, meeting at Lockport. The subscriptions in to open a line of railroad through Upper Casented in a very favorable light, holding out strong inducements for investment, certainly for those immediately interested in the road.

The subscriptions in the subscription in the subscriptions in the subscription in the subscriptio gan and Canada West, New England and New York, by a common band, extending through a space of nine hundred miles.

The road which you propose to make must form a part of this continuous line and great thoroughfare of travel; since it cannot be avoided, but by deflecting widely from the direct course, and encountering the inconveferry, at the outlet of lake Erie.

The location of your road is a most happy one. It matters not to what point the western would be lessened one dollar—an immense traveller, arriving at Rochester, may be disaving to all thecitizens. gara, for Buffalo, for Canada, or any part of the upper lakes—the road from Rochester to Lockport, which it is now intended to construct, will offer the most favorable, and the most expeditious route.

The distance from Rochester to Niagara, by this line will be seventy-six miles. The distance from Rochester to the Falls, by the way of Batavia, Attica and Buffalo, is ninety-seven miles, and the distance by the packet boat to Lockport, and thence by railroad, to the Falls, is eighty-two miles. By the steamboats, from Rochester to the Falls, v. a lake Ontario and Lewiston, the distance is one hundred and six miles.

It will readily be seen, that the existing routes to the Falls, are much longer than the proposed road, require much more time, and great additional expense, and are not at all

adequate to the travelling community.

In going to the Falls from Rochester, via Lockport, there will be a saving of twenty-one miles, when compared with the Attica and Buffalo route, besides avoiding the high grades and summits, near Batavia and Attica.

If Detroit or Canada West be the destinamit to you some considerations in reference tion of the traveller, and the contemplated bridge across the Niagara river be established at the narrowest and most appropriate point, or the steam ferry be used at that place, the saving of distance from Hamilton to Rochester, will be twenty-four miles, by taking the Lockport route. If it should be desirable to have a direct line to Buffalo, a road could be constructed nearly straight from Lockport, with no grades over ten feet to the mile, that there being several papers unreturned which this line, both to the stockholders and to the are believed to contain subscriptions. The community—as an investment, and as a public convenience. ference in the grades on the Attica route; eig in th the

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1,025,000

ses natural and physical advantages which not less than 50,000 persons annually. are enjoyed by none other. [See map, annex-

ed.]*
These positions are facts, and cannot be portant inquiry, WILL THIS LINE PAY?

The traffic upon which its advocates justly

count, are:

1. The pleasure travel to the Falls of Niagara, either in going or in returning.

2. A fair diversion of the Buffalo travel.

3. The way traffic of the line.

through Canada to the western states.

west and Canada.

traffic from all these sources, with any great quarter cents a mile, as it will be admitted degree of accuracy, would be impossible, but that this route will afford the western emiwe may fairly assume that the aggregate tra-grant a rapid and cheap transportation; not vel, exclusive of that which will be brought only saving the expenses often incurred in by the Canada road, (at the low fare charged) waiting for a steamer at Buffalo, but it will will not be less than the number of the enable him to arrive at his destination in the through passengers that in 1844 passed over west in time to prepare the ground for a sumthe Auburn and Syracuse railroad, viz: 80, mer crop, and thus take the advantage of the 000. The way passengers on this line will be equal to 60,000—which is 10,000 less

We may justly, therefore, and with all mothan the way travel on the Rochester and deration, base our calculations for this line, Auburn railroad in 1844. This large amount on its completion, and the completion of its of anticipated way travel is here justified by great extension in Canada, on an aggregate the fact, that there is no part of the present line from Boston to Buffalo, which passes through a more productive, or more highly and fifty thousand of the second class, and anticipated country than that boydering the continuated country that the continuated country the continuated country that the continuated country the continuated country that the continuated country that the continuated country that the continuated country that the continuated country cultivated country, than that bordering the ce-sixty thousand way passengers, at the low lebrated Ridge road, or on which are found rates named in the estimate. If only two an equal number of flourishing places, as the thirds the number estimated should be transvillages of Brockport, Clarkson, Albion, ported over the road on its completion, a Gaines, Medina, Hartland, Lockport, Lewischarge of three cents a mile for through paston, Niagara Falls, and other villages which are strung along the route of your road, embracing within a territory of thirty miles by eighty, a population of over 130,000. And fare low to avoid competition, and induce a to build than that which is now adopted on in assuming 80,000 for the number of through large amount of business. pastengers, independently of the accession which will be gained from the completion of the Canada railway, I am fully justified by the fact, that 50,000 have visited the Falls the last year, while there are portions of the prelast year, while there are portions of the present line between Albany and Rochester, that carry more than this number.

When to this is added the rapid increase of the yearly pleasure travel to Niagara, being more than ten per cent. a year, and which will be largely augmented by the attraction of the suspension bridge, and the large and elegant hotels that are to be erected the coming season, it cannot be doubted that this increase of summer travel would be more than doubled, and would counterbalance any loss your road might sustain, by competing with rival routes for the Buffalo travel.

To these quantities must still be added the travel which must pass to and from Canada

[* We should like to see the map referred towas none in the copy of the report received by us.—Ed. R. R. J.]

while the distance from the proposed ferry at —that to which existence will be given by produce, that would seek this route to an eas-Fort Erie, is no greater via Lockport, than it the simultaneous opening of the Gt. Western tern market, and the merchandize for the far is by Attica to Rochester. So that, view the railway-an enterprize to which it is believed west and Canada, that would be transported subject in what light we may, this is the true all the companies from the Niagara to the over it, even during the suspension of canal line of western trade and travel, and posses- Hudson will be indebted for an increase of and lake navigation, and it would seem to be

advancing prosperity of the region bordering to on the western lakes,

During the past season of navigation, there has passed through Rochester nearly one thousand travellers per day, of which number, more than one-half were carried on canal 4. The Canada travel, and that passing boats, at a charge as high as it is proposed to tax on your road. Estimating this travel on 5. The transportation of produce, merchan-the canal at five hundred per day for six dize, coal and iron, to and from the great months only, and it makes ninety thousand, f which number it would be safe to estimate 6. The carrying of the United States mail. fifty thousand as emigrants, who would un-To estimate the amount and value of the doubtedly pass over your road at one and a

We may justly, therefore, and with all mosengers, (which is nearly twenty-five per cent.

ot less than 50,000 persons annually.

In this estimate of business, 1 count nofreight, at not less than an average of one thing on the great and rapid increase of tra- hundred and twenty tons a day each way, vel which has been experienced on the pre-sent line of railways, and which is to be round numbers, at one hundred thousand tons looked for in an augmented ratio, under the a year, and the way freight at twenty-five

1	tons annually.	
	FINANCES.	
	The present capital of the company which	
	represents the amount that has been ex-	
	sended on the part that is now in opera-	
?	tion between Lockport and Niagara	4175 000
	Falls, is To which add the sum necessary to sup-	\$175,000
)	ply this line with an edge rail, re-grade	
1	parts of it, and finish it in the best style,	
C	say	175,000
,	Add to this again the estima.	1 2 2 1
	ted cost of the road from	
	Rochester to Lockport—56	
8	miles grading and bridging	
	[per estimates] \$290,000 56 miles superstructure, with	
	Edge rail	
•	A 116 hamshan and amitahan 10 000	
t	Land damages and fencing 75,000	
1	Damage to buildings, etc 25,000	
Ì	Engineering & contingencies 50,000	
3	District of the second of the	
	Total 860,000	10 gent =
8	For 8 locomotives [8 wheel].60,000	
	For 20 hrst class cars, do Ju, vou	
	For 30 second do. do20,000	
	For 8 baggage wagons do 6,000	
,	For 50 freight do. do24,000 For depots & water stations.25,000	
	FOI depois to water state of the one	

And we obtain for the total investment for the completion of the whole line, from Niagara to Rochester, and supplied with

We may say in round numbers, fourteen hundred thousand dollars.

PROBABLE INCOME.

In estimating the revenue, I shall assume a much lower rate of charge for transportafare low to avoid competition, and induce a to build, than that which is now adopted on the existing lines. Ih this country, the re-As this road is to be built with a heavy sults of experience abundantly show, that year, without paying tribute or tolls to the strap or light bar was originally laid, it had state, and will, when completed, form an imbeen replaced by one better adapted safely to portant link in the chain of uninterrupted permit rapid travelling, to sustain the severe railways of nine hundred miles in length—it shocks incident to a heavy trade, and to adcannot be doubted for a moment, that it must always command a large and profitable the Columbia, Newcastle and Frenchtown, freighting business. The completion of this Baltimore and Ohio, and others might be rerailroad would insure the construction of an ferred to as instances. It is believed that iron track from Rochester to Schenectady, which would enable the central line of rail-ways to compete successfully with the present Erie canal for the western transportation.

The competes and obtained that it ought to as instances. It is believed that iron track from Rochester to Schenectady, with a flat bar, your road would be wholly ways to compete successfully with the present Erie canal for the western transportation.

The competes and obtained that it is believed that it ought as a surface of several and transport which it ought to compete and obtained that it is believed that it ought as a surface of several and transport which it ought as a surface of several and transport which it ought and it is believed that it ought as a surface of several and transport which it ought and it is believed that it ought as a surface of several and transport which was a surface of several and transport which it ought and transport which it ought and transport which it ought as a surface of several and transport which ways to compete successfully with the present Erie canal for the western transportation. The completion of the railways already for passengers (at high rates of speed,) would chartered, and in progress, to connect the railbe subject to enormous expense for repairs, ways of central and western New York with those of Pennsylvania, will, it is thought, add conveyance of tonnage — whereas, with a largely to the amount of freight on the road. heavy iron rail, it would be competent to all Add to to this the large amount of western its objects, could be worked with economy, would require but a moderate expense for re- or eleven per cent. on the capital, at the low and Rochester. Respectfully submitting these

[half way,] 60,000 way " 100,000 tons through freight, 25,000 tons way 76 miles U. States mail contract, \$150 00. 11,400

Deduct for actual expenses, [exclusive of interest on capital,] one-third the whole receipts, the average of the eastern roads...143,800

or over twenty per cent. on the whole capital

of fourteeen hundred thousand dollars.

That the estimate of one-third will be ample for the expenses of your road, it is only necessary to show, that the Utica and Schenectady railroad, seventy-eight miles in length, of some unfortunate work, constructed at an half year has been 69,3051. 5s. 8d. transported in 1844, nearly the amount of expense largely disporportioned to its objects, freight and passengers estimated on your road (which were about the average for the last eight years,) at an expense of \$132,838, which is less than the amount estimated.

It will be seen that these roads being nearly equal in length, and the business equal, the road, there is no mode of estimate or calcuexpenses ought to be likewise equal, with this difference only, that the Utica and Schenectady railroad is laid with a slight strap, or flat bar, and yours is to be a substantial and that will not justify all that need be claimed num upon the 2l denosit and also interest. durable iron track, which will make a difference of at least fifty per cent. in the cost of

I have assumed for your road, on the completion of its connection, with those through Pennsylvania, Canada West and Michigan, of the Niagara, cannot now be entertained.

The only difficulty that could possibly be is constructed of rails a lighter any other part of the railway. "The directors have decreased any other part of the railway."

charged on them.

I will, to satisfy the most skeptical, deduct the to a severe and satisfactory test of its strength.

pairs, and would be so much more productive price of two cents a mile for through passen- views, I have the honor to be your obedient and valuable, as to justify the additional ex- gers, and two and a half cents for way travel. servant, pense necessary to purchase an edge rail of Call this two and a half cents and three cents, not less than eighty tons per mile.

Two cents a mile for through passengers, or a charge of one dollar and fifty cents from Rochester to the Falls, (the present rate by railroads, via Buffalo, is now \$3 25,) and two to Fort Erie, which road would undoubtedly to Fort Erie, which road would undoubtedly be made, if the Western railroad should, by believed to be ample for the liberal support of the company, if we have not over estimated the number.

ESTIMATE.

The charman read the report of the control of the company, if we have not over estimated the number, as has been shown, would be only 77 miles from Fort Erie to Rochester, and on the nadirectors that they are enabled to announce a 130,000 passengers, first class cars, \$1 50.\$195,000 tural inclined plane, to the Hudson, which net balance of 197,888l. 7s. 3d., which will 1 00. 50,000 tural inclined plane, to the Hudson, which net balance of 197,888l. 7s. 3d to 100. 50,000 would always give this line great advantage enable the proprietors to divide 1 00. 100,000 in competing for western trade and travel Upon each 100l. of the preferential of the preference of the prefe

In view of all these facts, I think no im-. 431,400 partial or discriminating reader will doubt that this road will be (without the Canada connection,) a secure and permanent ten per cent. stock, and with that connection a fifteen

or twenty per cent. stock.

The result in either of these cases, may appear extravagant to those who, without in forming themselves of the reasons why some But in such a case as is presented by this lation on such a route, located on the great or presumed for it.

at Niagara, will undoubtedly be made. Its period. But as it is my intention to avoid every practicability is demonstrable, and when comchance of over estimating, the probable repleted, it will offer the means of obtaining and Rotherham the directors have relaid with sults, I shall take the estimate of one-third the most feasible line for the travel of the new rails, chairs and sleepers. the receipts for the expenses of your road, and northwestern states to and from the seaboard,

no more than is now carried on some of the roads west of Albany, and at half the price before us the estimate and report of an expeline, and they confidently anticipate from it a As there may be doubts in the minds of with the subject, and an offer to build the The small length they have at work through some (although I have none) as to the loca- work for the sum named in his estimate, the clay-cross tunnel they find to be most tion of the Canada railroad at Niagara Falls, (\$220,000) and submit it, on its completion, useful.

....\$150,934 surveyed for your road, between Lockport "The following directors retire at this

CHAS. B. STUART, Chief Eng.

mH

lin sh La

A

Midland Railway Company -- General

Upon each 100% of the consolidated stock .. £3 13 9 Upon each 100% of the preferential stock... 3 13 9
And upon each 100% of the Birmingham
and Derby consolidated stock...... 3 0 0

And leave a reserve of upwards of 14,000/. towards the next half year.

"The increase over the corresponding half

of last year has been-

,	In	passenger	S		 			۰				9	£47,344	13	11
	In	goods											11,800	0	0
	In	minerals.											5,756	0	4
,	In	parcels			 								1,914	17	3
ı	In	cattle											2,627	9	8
	1														-

"The total increase in the receipts of the

"The proprietors will perceive an increase siness, defective in strength, or other qualities easily accounted for from the large increase requisite to economy and success in using it. in the traffic, requiring 72 engines daily to work it.

"The holders of the 401. shares will receive half a years interest from the passing of thoroughfare from east to west, and bordered the act, June 30, 1845, to the 31st of Decemter the same rate upon the second call of 41. The connection with the Canada railway, from the 6th of October last to the same

"The whole of the line between Sheffield

"The directors are also relaying a portion in my estimate of the number of passengers and to the seat of our national government. of the line north of Derby, which at present The only difficulty that could possibly be is constructed of rails a lighter description than

"The directors have determined upon

"Since the last general meeting, the di-100,000 tons of freight, and 100,000 through passengers, that it was estimated the Canada road would create, and see what would be the probable value of the stock, should it road, be unusually small, probably not extended the Buffalo railroad at Nil. the probable value of the stock, should it only connect with the Buffalo railroad at Niagara Falls, and the branch road to Lewiston
—and we have for receipts as follows:

850,000 through passengers, \$1 50......\$140,000
60,000 way " 1 00.....\$60,000
25,000 tons way freight, 0 60......\$15,000
75,466

Total receipts......\$226,400
Deduct one-third for expenses......\$226,400
Deduct one-third for expenses......\$250,934

Transparent for the stock, should it road, be unusually small, probably not exceeding \$500 dollars per mile. Considerable Considerable Considerable Portions of the several lines surveyed, have already been released without charge, and from the interest manifested by the land-holders, further gratuitous cessions are antithese lines. They have also let the works for forming the junction at Sheffield with the Sheffield and Manchester railway to Messrs.

Mawson, Waring, and co., who are getting on satisfactorily.

The following directors retire at this

mosting: Ci	Osecold	74		Dect.	2.5	M
meeting:-Sir Hudson, M. P.	, and M	r. I	ose Elli	s, all of v	vho	om
are eligible for	re-electi	on.	23	- 19 In		
The followin laid before the	g is an a meeting	bst	rac	of the acc	ou	nts
Statement of C	apital A	lece			ne i	30
Dr. Amount ex	to Decem					
30, 1845 Further charges in				£6,327,690	16	8
the half year	r					
ending Dec. 31 1845—	,					
Works of road		C	0			
and stations New wagons, etc	. 18,513	5	8			
Law charges	. 522	8	2	33,018	19	10
Parliamentary				00,010		
expenses for nevelines53,821 17						
Deduct profit of shares, 20,844 7		10	1			
Land and com						
pensation Rails, chairs, slee	-					
pers, etc Payments to con	. 123,883	9	10			
tractors-						
On account Sys						
o' line.3,000 0 (Ditto Notting-						
am and Lincoln	n					
9,618 17 10	12,618	17	10	275,395	0	10
		-	-	636,104		
Balance	*******	• • • •	• • • •	60,203		
Cr. Amountre-				6,696,308	9	3
ceived on ac-						
to June 30, '45	1.528.014	3	3			
Do. debentures	1,662,767	6				
Oo. loan notes	93,850	0		6,284,631	9	9
Amount receiv- ed during half				- 01		
year ending						
Dec. 31, '45— On account of						
shares Do. of interest .	439,326 190		2			
or or microsi						
Less debentures	439,516	19	6			
p'd during half year £12,740						
Loan notes, do.	2012					
15,100-	- 27,840	0	0	411,676	19	6
di mine es				£6,696,308		_
Statement of H	Panamara	4		and the same of		
to I	December.	31	, 18	845.	ne	30
Dr. To mainter			1			
works Locomotive power						11
Coach and wago	on repairs	ar	id a	1-		
terations Coaching accoun						
Goods departmen		n, e	tc	. 14,252		7

Rates and taxes and government duty

Debenture interest, including that of the late Sheffield and Rotherham

Rotherham preferential stock, 6 per cent. per annum....

15,120

37,419 7

	Cr. Balance of account to 30th of June, 1845	£151,011 148,027	10	3 0	0.054	ind ind	9
,	TD (TC	15-1-170			2,974	3	9
,	Traffic— Passengers Horses carriages	204,362	14	0			
	and dogs	8.925	0	3			
	Parcels	13,132	17	9			
ì	Cattle	4,982	10	11			
	Mails	6,420	13	0			- 19
	Goods	79,160	13	3	THE STATE OF		0.0
	Minerals	25,281	2	10			
			_	_	342,165	12	. 0
	Rents				4,105	15	3
						-	_

£349,245 10 6

Audited 10th January, 1846. John Jackson, and Joseph Cripps, Auditors; J. F. Bell, secretary.

Many passages in this document called sent to each proprietor several days previously.

The chairman then spoke to the following effect:—Gentlemen it now becomes my duty to move that the report of the directors, which you have just beard read be received and 1842, the companies were working as nearly you have just heard read, be received and adopted, and printed for circulation among the proprietors. In doing so I am very happy to think that it will not be necessary for me to detain you by many observation .- king on the Midland lines. It must be borne At the same time, perhaps, I may be permit- in mind also, gentlemen, that in 1845 the ted to offer two or three remarks more in de-price of all materials used in railway repairs tail on the position of the company than we had risen very considerably, as compared with have thought it necessary to do in the report. 1842, and particularly iron. Then, too, the You, gentlemen were the first to make the government duty on passengers, which I have great experiments of amalgamation, by in not separated from the aggregate amounts, corporating three companies into one, and after a year's fair trial of that experiment, it of passengers, a farther item of difference bewill no doubt interest you to learn the result. tween the two periods. I have to mention, With this view, gentlemen, I have collated and I am happy in being able to do so—and the expenditure of the years 1842 and 1843, you, gentlemen, I am sure will be pleased, when the lines were separate, and compared being prosperous yourselves, to see others it with the receipts. You will bear in mind prosperous also—I am happy in being able that the past year, 1845, was the first year of to state that the officers and servants of the the amalgamation. You will bear in mind company now receive large remuneration .also that these documents are of course, open to inspection, for they are published documents; and I mention this because it may not occur to the proprietors, nor to those who North Midland company was 21. 123. 6d. take an interest in these matters, or who feel themselves called upon to lead the public in the direction which it ought to take. Gentlemen, some doubts have been cast on the percent, and the direction which it ought to take. Gentlemen, some doubts have been cast on the pectively, 3l. 1843, the dividends were resulted and the second of the course which in this arrelated the second of the course which in this arrelated the second of the course which in this arrelated the second of the sec wisdom of the course which in this amalga-year, gentlemen, your dividend is 6l. 13s. 9d. mation you adopted; but after the figures and on the Midland stock. Gentlemen, I am facts which I shall bring forward, I will leave well aware that on this point I may be met, it to any person of sound judgment and ordi-nary intelligence to say whether it has not would have taken place if the companies had been largely beneficial to you as proprietors, not been amalgamated. I wish any gentleas well as to the country generally. I have man would stand forward and show any taken the expenditure of 1842, and the resimilar case parallel to ours where, without ceipts, and have added thereto respectively the opening of a single branch, without one the same items on the Sheffield and Rother-ham line, which at that time was worked creased at the rate of 200,000l a year. It is separately. I find, gentlemen, that the aggregate expenditures in 1842 of the four companies—the North Midland, Midland Counsults. In 1843 your dividend was 31. 10s.,

2001.—in other words, the expenditure was, as nearly as possible, 50 per cent. on the gross receipts. Gentlemen, in 1843 all those four companies had effected a great reduction in their expenditure, particularly the North Midland, which, it will be admitted on all hands, had at that period brought its expenditure to as low a scale as possible; and therefore in giving the expenditure for 1843, I put it in a very favorable position. The expenditure then for 1843 was 180,335l., and the receipts 443,513L, or an expenditure of about 41 per cent. on the receipts. Gentlemen, I pass over the year 1844, because the lines were worked for one-half that period by the companies separately, and for the other half by the amalgamated company. I do not think, and I am sure my colleagues will agree with forth much applause, which was repeated at me, that the receipts and expenditure of that its close. It was not deemed necessary to read the accounts, printed copies having been their relative amounts. Now, in the year 1845, the first of the amalgamation, the ex-The chairman then spoke to the following penditure amounted to 207,736/, and the re-4,500 0 0 ties', Birmingham and Derby, and Sheffield and Rotherham—amounted to 218,124l. as near as I can ascertain, for I will not trouble you with the shillings and pence. The same period were 438,—for I should be sorry that you should en-

tertain any doubt as to the policy of carrying that so far back as the year 1780; but it was for two steamers of 700 tons for the Cork nected with the public journals who may have thrown a doubt on the wisdom of amaldence, or of the management of your proper- rope. ty, if I could be guilty of such folly with my own. Gentlemen, I now beg to move the adoption of the report.

amid long continued applause.

building is making in this country, not only for the royal navy, but, more particularly, the mercantile marine, is giving a great impetus to the speculative energies of the iron-masters, whose furnaces are in full blast and all those connected in this extensive and the different dockyards and ports of France, when for shipbuilding, free of duty, if they are not all the connected in this extensive and the minister of marine has government, and the minister of marine has government, and the minister of marine has repeatedly strongly urged the necessity of admitting English wrought and cast-iron into the different dockyards and ports of France, when for shipbuilding, free of duty, if they are not all the connected in this extensive and the minister of marine has repeatedly strongly urged the necessity of admitting English wrought and cast-iron into the different dockyards and ports of France, when for shipbuilding, free of duty, if they are not all the connected in this extensive and the minister of marine has repeatedly strongly urged the necessity of admitting English wrought and cast-iron into the connected in the connected in this extensive and the minister of marine has repeatedly strongly urged the necessity of admitting the connected in the connected in the connected in this extensive and the minister of marine and the minister important branch of mining industry of the Liverpool, so much activity never prevailed advancement making in naval construction United Kingdom. Notwithstanding the nu- as at present; and it is with much difficulty in this country, and, no doubt, it will pass merous railway lines which are now in full a sufficient number of workmen can be ob- the chambers this session, as the majority traffic, and the hundreds more that will be tained, to complete the contracts entered into are in favor of the repeal of the duty on iron-established within a few years, England has Besides the former splendid vessels which it being fully established France cannot sup, established within a few years, England has sufficient iron ore and carbonic fuel, to meet all the exigencies for centuries and centuries to come. The adoption of iron for shipbuilding, in preference to wood, there is little doubt, will be general before another quarter of a century, not only for its durability, but buoyancy, compared with the latter. The value of iron, as a material for shipbuilding, has been known for upwards of 100 years, and even the ancients looked upon it as the most useful metal to man. The first iron vessels, or boats, for the purpose of navigation, were built for the canals of this country, and line from Calcutta to Suez, besides an order little value of the canals of this country, and

that, as I am a public man, I am public pro- rapid advance in the annals of the naval his-

shipbuilding is giving an unequalled impe The honorable gentlemen resumed his seat tus to iron mining enterprise and naval improvements. The use of this metal is not the board of admiralty. confined solely to steamers, but several sail-

out fully the great measure which you have adopted, namely, of diminishing the charges. Gentlemen, having stated these facts, it is not necessary that I should add any remarks of wood, and, in 1820, Mr. Manby took out a same port; that nearest completion is 250 my own. I hope that any gentleman con-patent in France for iron steam-boats, when tons, to be worked by a screw, and is intended he, and the present admiral Sir Charles Na- for Buenos Ayres; the Antelope, of 600 tons, pier, formed a society, and built a vessel at as a packet between Liverpool and the Bragamation will, if he cannot get rid of these Horsley as a model, and, in the early part of zils; a large vessel for the New York trade, facts and figures, feel it his duty, in justice to 1822, that experienced officer took the com- of 1500 tons, to be heavily rigged, and with the interests with which he professes to be mand of the Aaron Manby (so named after four masts—the two latter to be propelled by mixed up, to advocate those measures which the projector,) and navigated her from Lonin the case of the Midland railway have led don direct to Havre-de-Grace, and so up the principle; also, one for Bombay, of 300 to such splendid results. Gentlemen, I do river Seine to Paris. This was the first iron tons; and the fifth for the Woodside ferry. not think I need detain you farther, nor in steamer that ever crossed the British Chan-Four vessels have been ordered of Mr. Cato, deed should I have said so much, but for ob-nel, or, in fact, put to sea, which excited the from the plans of Mr. Grantham—one of 650 servations that have been made, and which carry with them a certain degree of weight, which seemed to me to require I should show come direct from London to the French company, of 300 tons, rigged as three masted that the great experiment you had the cour-capital, and that in iron. Another iron schooners. Messrs. Laird, who built the age to try has been completely successful in steamer was built in 1824, for the navigation all its results. Gentlemen, before the close of the Shannon, and was put together at the proceedings, I shall have occasion to bring Liverpool, crossed the channel to her destibefore you many schemes for the extension nation, Lough Dearg, which gave rise to on order, to be completed during the present of the Midland railway; but perhaps it is better that we should dispose of the formal business of the day, after which resolutions, after this success, gradual-iron water-tight bulkheads, by C. W. Wilbearing on these extensions will be submitted. ly began to increase, and numerous steam-liams, Esq., of Liverpool, and which are be-Perhaps, before I sit down, I may be allowed ers, and even sailing vessels, of large ton-ing generally adopted in the construction of to take this public opportunity—though of course I cannot be responsible for what is said by editors of newspapers, who no doubt think shipbuilding has made a most wonderful and from shipwreck. Mr. John Barber, registrar for the registration and regulation of the coal perty-of stating that it is quite untrue, as al-tory of this country. We not only have now whippers of the port of London, has long deleged, that I have any connection whatever some of the most powerful iron frigates and voted his attention to the discovery of some with any public journal. Equally untrue (continued the honorable genileman, laughing) is it that I have forfeited 40,000l. rather than complete the purchase of an estate.—

than complete the purchase of an estate.—

Unworthy indeed should I be of your confidence of the means of the means of stopping leakages, which might be caused to iron steam-ships of war, by the cannon-shot of the enemy, has, it appears, which have excited the jealousy and succeeded in producing a mastic of India
unworthy indeed should I be of your confidence of the means of the means of stopping leakages, which might be caused to iron steam-ships of war, by the cannon-shot of the enemy, has, it appears, which have excited the jealousy and succeeded in producing a mastic of India
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unworthy indeed should I be of your confidence of the enemy has a succeeded in producing a mastic of India
unworthy indeed should I be of your confidence which he has no doubt, will stop any hole The progress making in this new art of that might be made in a vessel by a ball, until she could be brought back to be docked, and which is now under the consideration of

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We have entered rather fully on this sub-The rapid progress that iron steam-ship. ing-ships are in course of construction, in ject, because the building of iron steamers is which small auxiliary steam-power is to be attracting the serious attention of the French

Correspondents will oblige us by sending in their communications by Tuesday morning at latest.

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AMERICAN RAILROAD JOURNAL.

PUBLISHED BY D. K. MINOR, 23 Chambers street, N.Y.

Saturday, February 28, 1846.

Railroad Advertisements.

Spring Arrangements .- Will the different railroad companies oblige us by sending in, without delay, their advertisements, announcing their spring arrangements, similar to that of the Boston and Maine railroad, on our 1st page.

We are much obliged to Mr. Minot, the efficient and gentlemanly superintendent, for thus early furnishing us with his spring arrangements-and shall be equally so to others for similar favors, and more especially so to those who direct us to insert the race, are not of that opinion, as this movement them upon the terms proposed by us last fall. Shall shows; and it is a little singular that the shortest, we not hear soon from other companies than those now in the Journal? We were about to say-that these two important cities should be left until the if we do not hear from them, they will from us-but will not, as that might look belligerant.

This company's railroad now includes what has and the Boston and Maine extension, and extends from Boston to South Berwick, a distance of 73 miles, where it intersects with the Portland, Saco, and Portsmouth railroad, thus making a continuous information from Newport, R. I., in relation to the to a compulsory reduction of the fares and manageline to Portland. The Boston and Maine railroad proposed railroad from there to Fall river, upon company have two branches, one in Wilmington connecting their road with the Boston and Lowell ing another route to Boston. railroad, which is 21 miles long,* the other in Somersworth, N. H., connecting the main line with the manufacturing village of Great Falls; this branch is 3 miles long; so that the entire length of bable cost of constructing a railroad between Newtheir road is 781 miles.

Extension of the Western and Atlantic, Georgia, Railroad.

Oostenaula river, a distance of 251 miles from Au- be finished during the coming summer. gusta, and 388 miles from Charleston. The annexthe road to the Tennessee line; and only about 140 the subject. miles to Nashville, when a steam navigation will be opened from Portland in Maine, by the way of Progress of Railway Traffic in Gt. Britain. Charleston, Augusta and Nashville to St. Louis, which, we shall soon again refer.

New York and Boston direct Railro

We have before referred to this project. To the thousands it will appear as a mere matter of speculation; a scheme for defeating, or interfering with, some other project, or work in use; but a part of the line, from this city to New Haven, has been a long Connecticut—a short section of it, between New Haven and Wallingford, is now in use-but the re-Middletown, and Windham county, to Boston, is a new line, of which very little has been said until recently; but it is now becoming a matter of considerable interest, and is favored by gentlemen in whose opinions we have much confidence.

There is now very little necessity, most people Boston, and more especially in the direction of New York, as there are now two main lines in this direction, each having two terminations on the Sound waters, and connections with some of the finest and best steamboats in the country; yet the people, residing off from those lines, and cultivating the rugged, yet productive soil, and improving the water privileges intermediate, seeing the benefits derived by others from railroads, and the absolute necessity of having equal facilities to compete successfully with those who have now the start of them in others were all made.

and therefore give the following notice from the heretofore been known as the Boston and Maine, Journal of Commerce of 25th inst., for the purpose of eliciting information from those who are in possession of authentic intelligence on the subject.

While writing the foregoing we have received which the engineers are now engaged-thus open-

Another Route to Boston.

We understand that surveys are now being made with the view of determining the feasibility and proport, R. I., and Fall river, Mass., a distance of 18 miles, from which latter place to Boston, there is now a railroad completed, and in operation; and another This road is now in use to Oothcaloga, on the by a more direct route in course of construction, to

The examinations already made, demonstrate ed advertisement [see page 130] shows the rates of that a line of very favorable character is attainable. freight and fare for the distance between Augusta Several enterprising capitalists are, as we underand Oothcaloga 251 miles. The through passage stand, enlisted in the project, and it is altogether prois a fraction over 4 cents per mile, say 41 cents, bable that, very shortly after the charter is obtained, which may be considered low under all circumstan- active operations will be commenced. The surveys ces, a sparsely populated region and a new are being conducted by Messrs. J. N. Adams and country. There remains now, we believe, but T. E. Sickels, from whom an early and report may about thirty-five miles to be constructed, to complete be expected, when we shall have more to say on

We shall give in our next a tabular statement, and the whole west; and for this last link, a very showing the number of miles of railway in use at proper light, and we only wish it could be read by favorable charter has been granted by the Tennessee the end of each week in the years 1842, 3, 4 and 5, every citizen in the land, as we are confident they legislature, a copy of which is now before us and to and the average traffic per mile per week, and the total receipts of each quarter and year.

*This was a part of the main line while this company used the Lowell road to Wilmington, and until the company opened their road from Wilmington, and the total receipts for 1842 were 4,341,781., and equal with other railroads in this country. in 1845, 5,649,224.

The Right of Way to Pittsburg

We promised in our last, and give in the prenumber the proceedings of a meeting, and of the councils of Pittsburg in favor of, and an able letter signed by eighteen of the prominent men in Philaelphia against allowing, the right of way to the Baltime under consideration; it has been surveyed, timore and Ohio railroad company to Pittsburg. It and a charter granted for that portion lying in was our intention to accompany these documents, which embody the views and reasons in favor and against this important, at least to Pittsburg, vastly maining part of the line from Wallingford through important measure; but we are compelled by indisposition, to omit them, at least for the present. We cannot avoid saying however, to those who oppose this measure—a measure fraught with the most lasting and important results to that young giant of western Pennsylvania, Pittsbung, a city of which every true Pennsylvanian should feel proud-pause! beware will say, for another line of railroad into or out of how you erect a barrier against, instead of opening an avenue to accommodate, its growing and legitimate business! You had better construct three than to prevent one avenue between Pittsburg and the Atlantic. You will do well to devote your efforts and your capital, as far as necessary, to the construction of the three proposed lines, viz. by the Baltimore and Ohio road which will cost you nothing; by the middle route to Harrisburgh, as that will accommodate interior Pennsylvania; and the northern line, up the Allegheny, and to the west branch of Susquehannah, to Sunbury, Pottsville and Philadelphia, thus at the same time making a line almost to lake Erie; a line which will soon be completed when the other is in most direct, and equally favorable, route between use, or even under way. Philadelphians! Pennsylvanians! here is a field worthy of your best efforts .-One step ahead will do more to benefit Philadelphia Of the details of this line we are not informed, than three astern, even if its course is through Bal-

Railroad Fares and Management.

In the last number of the Journal we called attention to the proceedings of the legislature in relation ment of the railroads west from Albany to Buffalo, and expressed our views in opposition to the mode of effecting the object. First remove restrictions and enable the companies to adopt lower rates of fare, instead of putting a clog to their heels and then lashing them because they do not run faster.

Since the publication of the last number we have received a copy of the " remonstrance of the Syracuse and Utica company to the legislature against the bill reducing their fare and the appointment of a commissioner," accompanied by a tabular statement showing the receipts both for freight and passengers and the expenses for seven years past,

The charter of this road authorized them to carry freight free of tolls during winter, yet, in conse quence of the prohibition to carry freight on the Utica and Schenectady road, the total receipts in seven years for carrying freight on 53 miles of road between Syracuse and Utica was only \$24,122! and upon a portion of that they have been obliged to pay canal tolls, even though allowed by their charter to carry freight free during the close of naviga-

This remonstrance is written in a clear, foreible and dignified style, placing the whole matter in the would then join heartily in the petition to the legislature, which we published in the last number but one, to remove the restrictions upon carrying freight

It will however speak more forcibly for itself than

mington during the past year.

we can possibly speak for it, we shall therefore give greatly extended in this country, to supply the de-large extracts from it in our next, together with tab-mand sure to be made within the next five years.

O'Conor Don, Lord H. Vane, and Mr. Shaw. large extracts from it in our next, together with tab- mand sure to be made within the next five years. ular statements showing the business on the Syracuse and Utica for seven years, and the Utica and Journal the condition of the London and other mar-Schenectady for ten years, and at the same time kets for four successive weeks in January. show by comparison the advantages which New England roads enjoy over this line, from being allowed to carry freight.

We regret being obliged to defer this remonstrance until next week as it should be speedily and widely circulated, but other matters were partly in type before this came to hand-and a slight indispo- 24th January, the report of the directors of the Midsition, temporary only, we hope, has placed us under the care of a friend whom we would rather see at Derby on the 12th. Also the remarks of the twice in the street than once when we cannot get there-renders its delay unavoidable. We will en- that the affairs of the company are in a very flourdeavor, however, to compensate for the delay by accompanying it with an admirable article from Herapath's London railway journal of 24th January concerns into one. We should like to see the same showing the operation of that "great railway monopoly," the London and Birmingham railway company.

Mr. Herapath says very truly, that "the public are very prone to forget benefits, though it is to be remarked that they have an extremely retentive me-mory of grievances!" The people who travel rarely take much pains to show that they have been benefited by a reduction of fares and an increase of speed, though they are seldom bashful in expressing their indignation at any little delay of the train, or even at any seeming delay of companies in adopting the wise opinions of the public, who have little knowledge, at least from experience, in such matters,

The article alluded to shows what an unshackled railway company can do in the way of accommodating and benefiting the community, in the reduction of its fare from London to Birmingham from 32s. 6d. and 30s. in the two first class cars and from 25 and 20s. in the two second class cars in 1844, to 25 and 20s. in the two first, and to 14s. in the two second class cars in 1846. In addition to this they have adopted a day ticket, that is, out and in same day for 26s, 6d. in first class cars and 18s. 9d. in secompleted? Certainly not-neither can any road.

The Cambria

Arrived at Boston on the 18th, with London dates of the 3d, and Liverpool of the 4th, inclusive. We have received full files of the London Railway and Mining Journals, and scientific periodicals, but they did not reach us until after our last number had gone to press, though before its date.

Parliament is again in session, and the railway system is again to be the order of the day; there being now before parliament 815 applications for charters, upon which the deposits have mostly been paid. We find several interesting half yearly reports, showing very favorable results in management and substantial improvements in their business. We shall give several of these reports at intervals, and commence this week with that of the ing of the following named gentlemen, viz:-"Midland company," of which Mr. Hudson is chairman.

The iron trade is quite active. Prices have advanced since our last, and large contracts have been entered into by the Great Western railway compa-

We give in another column from the Mining

Advantages

Arising from Amalgamating Several Small Concerns into one. — The Expenditure reduced from 50 to 33 per cent., and the Dividend more than Doubled !

We copy from the London Railway Express of land railway company, at their half-yearly meeting chairman, Mr. Hudson, from which it will be seen ishing condition, and that the most favorable results have followed the amalgamation of several small system adopted in this country wherever it can be well done-simply because greater regularity may be secured, more and better accommodation given to travel and traffic for less money, of course better returns derived by the proprietors.

This statement should be read by every railroad director and shareholder in the Union.

The New Railways.

Sir Robert Peel gave notice in the house of commons on the first night, that he would the Monday following move for the appointment of a committee to consider the mode in which that house will deal with the railway bills proposed to be submitted to it in the present session.

On the evening of Monday, Jan. 27th, Sir Robert Peel made the motion of which he had given notice. after a speech of some length, in which he stated there were 606 English, 121 Scotch, and 88 Irish, or, in all, 815 applications, or plans deposited at the board of trade, which involve the construction of no less than 20,675 miles, and the expenditure of not less than 350,000,0001.! Making every deduction, he said it seemed impossible to supply such an cond class cars, the time is also reduced about 20 amount of capital for one object without deranging per cent., thus doubly benefiting the traveller. Could other affairs. It was therefore important that the they have done this if they had been restricted in house consider, at an early period of the session, the their business, or their rates legislated down before principles that ought to govern its course on the subthey were prepared for it by having their works ject. He was unwilling, he said, to interfere with enterprize-call it speculation if you pleasethat it might not be left to private industry and spirit. He was favorably disposed also to the application of British capital in the forwarding of undertakings calculated to promote the general welfare of the empire; and the question is whether there is any sufficient reason for interference; and whether interference is justified by the principles which ought to govern parliament.

> Sir Robert Peel doubts the policy of investing so largely in railways-especially for the system itself. He proposed therefore that "a select committee should be appointed to consider what course shall be taken with the schemes proposed to be submitted to parliament the present session." The motion was carried and the committee appointed, consist-

The question having been put and carried, Mr. J. Collett inquired, whether the committee ras to be an open or secret one-whether it would

Iron Trade.

We learn, both from our private correspondence, and from the London Mining and other Journals, that the iron trade is in an exceedingly flourishing condition. It is stated that there is not a single iron works of any description in South Staffordshire which is not in operation, or, if not fully employed, it is for lack of raw materials, rather than of orders. The demand for ships, buildings, railways, and other purposes, has increased so rapidly, that there must be a large investment of capital, and extension of works to meet even the home demand, to say nothing of exportation: while, at the same time, the French minister of marine has recommended the repeal of duty on iron, both wrought and pig, shipped to the dock yards in France, for ship building, as they cannot supply it in quantities to enable them to compete in that line of ship building with the English.

We copy an article from the Mining Journal, of 31st January, in relation to the increase of iron ship building-and also a variety of extracts from various English and Scotch papers, showing the condition and variations of the trade during the month of January. Such is the present and prospective demand in Europe, that even a repeal of the present duty on iron imported into this country, would not

materially affect the prices here.

We take the following quotations from the Mining Journal, of January 10th, from which it will be seen that prices were up-but during the month there were considerable fluctuations in prices, as speculators or holders became pressed, owing to the political aspect of things-as will be seen from the extracts from various papers, in the Mining Journal of 17th and 24th: but the quotations of the 31st show that prices were fully sustained after the meeting of parliament, which took place on the 22d. There had been much doubt and apprehension as to the course which the government would pursue in relation to the numerous applications for railways. There can be little doubt, however, but that there will be at least three thousand miles and over, chartered out of the twenty thousand and upwards applied for. If so, the price of rails will not fall under 121. per ton on the average.

London, January 9	th,	184	15.		
n-bar, Wales, ton	03	0s	£9	0s.	Od.
" London	9	15	- 10	0	0
Nail rods do	0	0	- 10	10	0
Hoop [Staf,] do	0	0	- 11	10	0
Sheet do. do	0	0	- 12	10	0
Bars do. do	0	0	-11	0	0
Welsh cold blast foun-					
dry pig	0	0	- 5	10	0
Scotch pig Clyde	4	0	- 4	5	0
Rails	0	0	- 12	0	0
Russian CCND	0	0	- 15	10	0
" PSI	0	0	- 16	0	0
" Gourieff	0	0	- 14	10	0
" Archangle	0	0	- 13	12	6
Swedish, on the spot	11	10	-11	15	0
" steel, fagt		0	- 15	15	0
	0		- 15	0	0
	117		B 13 302	011.	

Welsh and Staffordshire remain firm at quotations. At the meeting of the Staffordshire masters, held at Birmingham, yesterday, prices were confirmed, and an indisposition evinced by the principal ones to make further sales at existing rates. Scotch pig not quite so buoyant as last week—buyers at 80s., but

no sellers under 85s.

The demand for English iron has considerably

ny, at 13t. to 13t. 5s. per ton, for No. 4 Welsh iron; though an inferior article may be had at from 11t. 10s. to 13t. per ton on board. From these accounts it will be seen that the manufacture of iron must be Mr. Ewart, Mr. Colquhoun, Mr. Hodgson, Hinde, may now be considered a very fair quotation, while

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demand for Great Britian, considerable speculation within these few days has taken place, and large parcels have been brought up, and the price risen at the exchange, for direct paper on London, at 90 days, making ordinary sizes to stand at £10 14s. 6d.; extra dimensions higher in proportion. The season being now so far advanced, one does not know how the price may rule in spring. Bar iron is a very favorite article here, and rising in price.

January 23.—Welsh and Staffordshire, firm at

quotations, but not much business doing. Scotch pigs sold, since our remarks in last week's Mining Journal, at 75s., 76s., 77s. 6d., 78s. 9d., and yesterday at 80s., net cash; more inquiry for exportation. In Swedish some large sales, within the past week, at 111. to 111. 10s., according to specification.

English bar and rail rion continue firm; about 35,000 tons of the latter have been contracted for since Friday last, at a price equivalent to 13l. 5s. per ton. Welsh pig is in fair demand at quotations.

per ton. Welsh pig is in fair demand at quotations. In Scotch pig iron transactions have been done at 80s. in Glasgow.

Liverpool, Jan. 21.—[From a correspondent.]—The market for pig iron has improved to-day; there are now many buyers at 80s. cash, with few sellers. now many buyers at 80s. cash, with few sellers.— Once the difficulty respecting the railway deposits is got over, trade generally will improve.

d.

sold at 75s. and 78s.; we quote the price at 78s., prompt cash.—National Adv.

Jan. 17.—The market has been quiet this week, and the quotation by the dealers was nominally 80s. to 85s., according to terms of statement. 1500 tons was forced on the market for immediate cash, and sold at 75s. cash, payable this day; but this sale was made under peculiar cicumstances, and we do not alter the above quotations of 80s. cash, and 82s. 6d. to 85s. bill, which would require to be paid, were buyers to come into the market.

the makers are asking 85s. to 90s. Staffordshire pig from exceedingly firm, at an advance of 10s, per ton.

All branches of the iron manufactures of South and we learn to-day as much as 87s. 6d., say 87s. Staffordshire, says the Birmingham Journal of 23d fol., four months, was paid; we quote the price for it is reported, at prices varying from £12 10s. to £13 per ton.

Jan. 6.—The rise in price which we have noted these few days has been sustained. A considerable business was done yesterday—say 3000 to 4000 tons—at 83s, base shows a staffordshire shows a say on the staffordshire shows a say on the staffordshire shows a say on the staffordshire shows a shown of these few days has been sustained. A considerable business was done yesterday—say 3000 to 4000 tons—at 83s, 6d. We quote the price at 80s, to 82s. 6d.; to-day 1000 tons were sold at 83s. 6d. We quote the price at 80s, to 82s. 6d. cash.

Several of the makers are open for contracts or sale, for immediate delivery, at 85s.; but we believe 83s. 6d. which has been contracted for in our own district. This immense orters and proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of those that may be looked for from the railways which are all but certain to pass in the proportion of the Great Western company; who was a small portion of those that may be looked for from the railways which are all but certa —Prices here are improving, pigs have advanced to sent prices they will realize more than 13% per ton. £5 10s. per ton—being 10s. above that quoted at the late meeting held at Birmingham. Bars and rods, which will be required to meet the demand for Bri-Glasgow, Jan. 13.—The late advance on this article seems, for the present, to have attained its height. These two or three days past large transactions have taken place at 85s. at four months. To-day the above was not obtained; we heard of several parcels offering at 83s., and another parcel of 1000 tons at 80s., which we are not aware met purchasers; we quote the price at 80s., and dull market.—National. Gottenburg, Jan. 1.—Iron being at present a very days and the orders which may be looked for from the continent, to complete the great lines under contract, we may, without indulging in any very sanguine speculation, safely conclude that the present price of iron will, under any cicumstances be fully maintained. There is not, we are informed, at this moment, a single iron work, of any description, in South Staffordskire, which is not in constant operation, or if not fully employed, the circumstance is attributable to the want of the raw materials of manufacture, coal and iron-stone.

London, January 20

London, January 30.

-bar, Wales, ton.....£0 0s...£9 0s. 0d.

"London......£9 15 — 10 0 0

Nail rods, do......10 10 — 10 15 0

Hoop [Staf.] do.....11 10 — 12 0 0

Sheet, do. do.....0 0 — 13 0 0

Bars, do. do.....0 0 — 11 0 0

Welsh cold blast foundary in the state of the state " Archangle... 0 0 - 13 12 6
Swedish, on the spot... 11 10 - 12 0 0
" steel, fagt... 0 0 - 16 10 0
" kegs... 15 0 - 15 5 0

We have nothing whatever of interest to notice in the metal market this week. The expected de-cline of 3s. per ton in English tin is now effected;

English iron continues firm at last week's prices. got over, trade generally will improve.

Glasgow Pig Iron Trade, Jan. 16.—On Wednesday the price was quoted at 80s.; at this figure little has been done. To-day a parcel of 1500 tons was offered at 75s. which was in the course of the day sold at 75s. and 75s. we quote the price at 78s. Very few transaction have taken place in Scotch

Glasgow, Jan. 24.—The business in this article during the week has been entirely confined to a few during the week has been entirely confined to a few parcels, the prompts of which have not been met by purchasers, being forced off for cash, and the prices obtained varied from 77s. 6d. to 80s. To-day, the political news being thought favorable for holders, the dealers obtained freely 82s. 6d. cash, and a large contract was made by a maker at 85s. It is difficult, in the present political uncertainty, to give a quotation, but the general feeling is in favor of an advance on the above.—Constitutional. advance on the above. - Constitutional.

beneficial or detrimental, on that of the wes-

tern counties of the state.

That while the skill of her manufacturers and the enterprize of her citizens generally, have for a series of years been adding to the wealth and stimulating the exertions of an immense region of country, her people have been suffering the direst calamities-have been deprived, by conflagration, of millions of capital, and have been crippled in their commercial operations by combinations formed for the purpose of transferring her trade to localities with which she will soon be unable to compete, unless assisted by legislative action effectual to the preservation of her interests.

That that action has been recently invoked by applications for granting the right of way to the Baltimore and Ohio railroad company, a subject so deeply important to the citizens of Pittsburg that all other objects of legislation, so far as they are concerned, appear com-

paratively trifling.

That a denial of the right of way to that company, upon terms equally equitable and liberal, would be effectual in compelling them to make a communication with the Ohio at a point so far below Pittsburgh as would dewith this exception, there is no change since last stroy the whole of the transit trade so long week's Journal, and very little business has been and prosperously carried on through the stroy the whole of the transit trade so long Pennsylvania thoroughfares, and must deprive her of the visits of thousands of western merchants who have hitherto taken the Pittsburg route as the most eligible and convenient

> That such denial of right will not only cut off forever the inexhaustible resources derived from the trade of the western rivers, by driving that trade through a southern region to Baltimore, but will be equally detrimental to our trade with the lakes; as the enterprize of our commercial rivals below us, will induce them to open facilities for the lake trade in combination with the western terminus of the Baltimore and Ohio railroad.

illiberal legislation, to terminate the improve-

the opinion of this meeting, add greatly to the carrying trade in heavy burthen, upon the Pennsylvania canal, an opinion founded upon the superior capabilities of canals for such incorporate a company to make a railroad amble and resolutions be signed by the pres-

the right of way, without restrictions that on the same, within this state as may be fore their respective houses. would be detrimental to their interests, we found most advantageous to the common-conceive the commonwealth to have pledged wealth and our eastern commercial metropoits faith to a liberal course of proceeding to- lis, Philadelphia.

Resolved, That we duly appreciate the advantages to be derived to the state from the tions, a committee from the councils appeared construction of the Erie and Sunbury railroad, and presented the following preamble and and would earnestly urge on the legislature resolutions, unanimously passed in both counthe granting such privileges to the company cils. They were read to the meeting, and as may insure the successful completion of unanimously approved.

that great work.

concur in the expediency of granting to the cheap and speedy means of transporting pastened citizens of our commercial metropolis quire proof, or admit of debate, and are inde-

and Ohio railroad company.

the purpose of discharging interest on debts created in the prosecution of works that have deprived them of the benefits of all these exgranting to the Baltimore and Ohio railroad terminus. penditures, are entitled to having the right of company the right of way from the state line way granted through that portion of the state near Cumberland, to the Ohio river at Pitts- urged against the admission of this road at all. We have no security, it is suggested,

On motion of Wm. Larimer, Jr.

Resolved, That the legislature of Pennsyl-zens of Pennsylvania.
vania be, and they are hereby requested to Resolved, That copi from the termination of the Cumberland val- idents of the councils, and the mayor, and kind of transportation.

Resolved, That in the original act giving ley railroad at Chambersburg, to intersect the transmitted to the speakers of the senate and to the Baltimore and Ohio railroad company Baltimore and Ohio railroad at such a point assembly, with a request to lay the same be-

wards that company, should its finances at any time permit it to locate the road within Jr., and George Breed, vice-presidents; H. S. Magraw, and John Mecaskey, secretaries.

After the adoption of the foregoing resolu-

Whereas, The advantages derived from Resolved, That this meeting cheerfully the construction of railroads by affording a citizens of Philadelphia (in whose prosperity sengers and valuable freight; by disbursing we are deeply interested) the privilege for the large sums of money in the district through construction of a railroad from that metropo-lis to Pittsburg by the middle route, and that while we go with them heart and hand in this pays and all important improvement we this new and all important improvement, we among the most efficient means of cementing cannot for a moment suppose that the enlight that Union together, are to well known to rewill he sitate to aid us in carrying through a pendent of any benefits resulting to the stock-project of so much advantage to us as the holders thereof; And, whereas, A bill is now grant of the right of way to the Baltimore before the legislature of this state providing for the construction of a central railroad from Resolved, That we deplore the spirit of opthis city to Harrisburg, intended to complete of Virginia, then in session, not only denied the railroad communication between the Ohio the solicited boon, but withdrew its subscription of a million of dollars formerly granted and the Delaware; And, whereas, A bill is state, but our regret is mingled with no un-kind or malevolent feeling. A difference of opinion, about opening a road through any part of the family estate can never make us part of the family estate, can never make us forget, as Pennsylvanians, the thousand ties of interest and affection that bind us indisso-sections which have derived no advantages by the company, upon ly passed the lower house of the Virginia legislature, at its present session, for the company in the legislature, at its present session, for the company in the legislature, at its present session, for the company in the legislature, at its present session, for the company in the legislature, at its present session, for the company in the legislature, at its present session, for the company in the legislature and the lower house of the Virginia sections. lubly together. We are identified with the from the construction of the public works, al- Virginia, to the Ohio river. The sentiments great works of internal improvement, that though they have borne their proportion of now traverse the commonwealth. The debt incurred by their construction is a sacred Great apprehensions are entertained that unsuperscript and the industrial of the burdens that the burdens there arising; And, whereas, further negotiation on that subject as finally industrial of the burdens there are entertained that unsuperscript and the industrial of the burdens there are entertained that unsuperscript and the industrial of the burdens there are entertained that unsuperscript and the industrial of the burdens there are entertained that unsuperscript and the industrial of the burdens there are entertained that unsuperscript and the burdens there are entertained that unsuperscript are entert lien on the property, and the industry of less the said bill be passed at the present sesevery one amongst us. We can hope to alleviate the burden only, by their increased productiveness. We firmly believe that the
as will divert the road entirely from our Baltimore and Ohio railroad will ever reach projected work, will tend to swell the pros-state; and by forming a connection with the a point below Pittsburg, with the approbation perity of these great channels of communica-tion, while a contrary policy must speedily Pennsylvania, will intercept the travel and ing removed, we do not hesitate to say, that

Resolved, That the proceedings be signed quested to incorporate a company to construct ment at any other point than Piusburg.

by the officers, and that they be published in a railroau from the railall our papers, and that a copy be forwarded such terms as may be consistent with the preservation of the state improvements, and preservation of the state improvements, and preservation of the state improvements, and preservation of the state improvements. may promote the general welfare of the citi-

Resolved, That copies of the foregoing pre-

Letter against Granting the Right of Way to the Baltimore and Ohio Railroad Company, through Pennsylvania to the Ohio River, at Pittsburg .-- Philadelphia, January 30, 1846.

GENTLEMEN: We have observed with pain the use which has been made of our names to promote the views of the Baltimore and Ohio railroad company, in their pending application to the legislature of this commonwealth for the right of way through Pennsylvania to Pittsburg. We deem the occasion of sufficient importance to address this letter to you as the representatives of this city and county, in order, by putting you in possession of the grounds on which we acted, at paper recommending the revival of the act of 1828, in favor of that enterprize, we did so from positive assurances that Virginia was about to grant to the company a right of passage through her territory to Parkersburg.

In these assurances we were misled, as subsequent events proved. The legislature

exhibit them in solitary exhaustion and decay.

Resolved, That the south-western counties of the state, having expended large sums in the construction of turnpikes, and have with exemplary patience, paid with great promptness onerous taxes imposed upon them for sembled, That the legislature of this common nection with the Ohio, at Parkersburg, we do not hesitate to say, that trade which would otherwise pass along our public works, and aid in defraying the expense of their construction and management.

Therefore, be it resolved by the citizens of a thing desirable in itself, but acquiescing in the supposed necessity of preventing any connection with the Ohio, at Parkersburg, we do not hesitate to say, that trade which would otherwise pass along our public works, and aid in defraying the expense of their construction and management.

Therefore, be it resolved by the citizens of a thing desirable in itself, but acquiescing in the supposed necessity of preventing any connection.

But another and independent objection is as a matter of mere remunerative justice to burg.

Resolved, That the legislature be also re-that Pittsburg would permanently prove its east mar ensu mer othe as a the of c mod

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eastern and western extremities of the state,

millions of dollars to secure a portion of the same points.

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western terminus. What, it has been asked, would protect them, would prevent its future extension along the even at great sacrifices, from the designs of level margin of the Ohio, to a point below an ambitious rival; while she desires to protect the obstructions in the navigation of that river? Such an extension of the road would it must be confessed, as effectually frustrate the policy of a Pennsylvania grant, by the interception of the Pittsburg trade, and its discovered from our local improvements, as an anxious that the distinctive and peculiar is the provement of the processes. She has accarcely looked beyond her own borders; she has never coveted the possessions of others; she has never fed a pruview and the Atlantic coast; she ought not to overlook her higher duties to the commonwealth, nor that these are paramount of the railway here recommended, is the first great improvement of that nature, by means of which Pennsylvania has all local considerations whatever. We are versons from our local improvements, as an original termination at Parkersburg.

But the danger of an original terminus at substitution at the distinctive and peculiar intermination at the danger of an original terminus at substitution at the danger of an original terminus at substitution at the danger of an original terminus at substitution at the danger of an original terminus at substitution at the danger of an original terminus at substitution at the distinctive and peculiar interminus or which reministration is attempted to extend her western trade. It is almost the only aid which the bountiful and unsurpassed to the distinctive and peculiar intermination at the distinctive and peculiar interminati But the danger of an original terminus at that point, by the permission of Virginia, being wholly at end, what plausible reason can justify Pennsylvania in the grant of a boon, which, in the absence of plain advantages, or useless for the prevention of a greater evil, must be characterized as an act of sheer liberality, if not a romantic sacrifice of interest and duty? Our friends of Pittsburg, indeed, appealing to the selfish principles of our nature, insist that Philadelphia would be greatly benefitted by a connection of Baltimore with Pittsburg. Now, suppose this to be ing counsel, like her, from her own interests placed on a firm and prosperous basis. Withwith Pittsburg. Now, suppose this to be ing counsel, like her, from her own interests placed on a firm and prosperous basis. Withtrue; the question may be seriously asked, and necessities, adopt instant measures to out it the doom of Philadelphia is sealed, and if any possible advantage, exclusively for the unite by a railway, her metropolis with the our honored commonwealth, sympathising western waters.

ments, from one end of Pennsylvania to the other?

We view the accident of local superiority as an element of wealth, and as legitimately the subject of price and value, as the article of coal or wheat, or any other material commodity. Baltimore is shut out by the natural situation of her territory, from any approach to the Ohio, except by the voluntary act of one or other of the contiguous states. She is still further removed from the vast trade of the lakes, and yet she aspires, without the offer of an appreciable equivalent, to participate in its advantages. She knows that Pittsburg in its advantages. She knows that Pittsburg maturally concentrates the trade of the Ohio, by standing at its head; and that she is designed one, a certainty of transit by means of the Steel, W. W. Haley, H. L. Benner, John tined to command a portion of the lake trade, by a connection with Eric. Now, by what right, either founded in nature or resulting from good neighborhood or political ties, is and merchandize, under all reasonable circular or resulting and merchandize, and reasonable circular or resulting and merchandize, under all reasonable circular or resulting and merchandize, and reasonable circular or resulting and merchandize, and reasonable circular or resulting and merchandize and reasonable circular or resulting and merchandize and reasonable circular or resulting and merchandize and reasonable circular or resulting and reasonable circular or resulting and reasonable circular or resulting and reasonable circular or resultin Baltimore entitled to participate in benefits cumstances, and in the face of untoward and which nature has denied to her, without some even extraordinary emergencies, cannot well be overrested. A promise so important to the prospective magnitude? While the cities of New York and Peters Railrand. New York and Boston are struggling for a Pennsylvania, with a railroad and canal run-connection with the lakes, and are expending aing side by side, and terminating at the

the Delaware with the Onio. Our northern and Bristol. It also gives the figures of the principal teasonable that Maryland, presenting herself and southern neighbors have been long contending with praiseworthy activity, for the her the exercise of such exalted munificence? Is it right that Pennsylvania, while sustaining a debt of nearly forty millions of dollars, should relinquish, even to a sister state, any portion of those benefits which that debt was contracted to secure?

in her decline, will be condemned to the prois entitled to favorable regard, against the manifest and irretrievable injury which would ensue to the long line of intervening improvements, from one end of Pennsylvania to the too apparent to require exposition. The bu-

Great Western Railroad,

From London to Bristol.-The "Great Western railway" proper, is 118 miles in length from London to Bristol, and cost £6,678,125, or 56,594l. per vast trade of these inland seas, by the construction of long lines of railway, is it reasonable that Pennsylvania should diminish or part with that share which she may appropriate, to a corporation, which is chartered to subserve the interests of another state? Is it be used to be construction of a railway to connect that the prosperity of part with that share which she may appropriate, to a corporation, which is chartered to subserve the interests of another state? Is it be described by the prosperity of the prosperi

contracted to secure?

While Philadelphia is ever ready to avert any other state of the Union, were chiefly interest along the line, but for want of the engradanger and remove calamity from her friends intended to develope her own priceless revings we are only able to give the introduction.

the Thames tunnel, made the bold experif ment of constructing the Great Western rail-way upon principles quite novel to general railway practice. Cost being a secondary mingham, 110,000; on the Liverpool and results will be received at Bridgenort in the case, being about 10,000,000 cubic the Constructing the Great Western rail-way upon principles quite novel to general railway practice. Cost being a secondary mingham, 110,000; on the Liverpool and the case, being about 10,000,000 cubic the case, being about 10,000,000 per mile; whilst those on the South-Western average being an expenses...

Total ... £6, railway practice. Cost being a secondary consideration, he resolved that this railway should surpass all others in its better gradients; curves of larger radius; broader gauge, the rails being seven feet part instead of four feet eight inches and a half, the common gauge of nearly all the other British linesengines of greater power, and wheels of larger diameter. It is unnecessary, for the present purpose, to discuss any of these various novelties, which already have been fully considered in the "New Sketches of Old Railways," a series of papers, published in the Railway Chronicle of 1844, pp. 147 to 245. The practical result of the Great Western system, which the public at large recognizes, is, that passenger trains travel with safety daily 50 miles an hour on its

The act of parliament for the construction of the Great Western was first applied for in 1834, but not obtained until 1835. As fit of the public in gen-in other railways, the expenditure was soon eral I feel desirous to found to exceed the estimate—by two millions communicate to you and a half; and in 1839 a new act was oband a half; and in 1839 a new act was obtained, empowering the company to raise an of no inconsiderable additional capital. The sums authorized to importance, which occurred some few days to be raised, including loans, have now reached 8,160,000%. An act was procured in 1837 since on the Philadel for an alteration in the line and the terminus Baltimore railroad. at Paddington, the first intention being to use the same terminus as the London and Birmingham.

On the 4th of June, 1838, the line was opened to Maidenhead; on the 1st of July, 1839, to Twyford; in 1840, to Reading; and on the 30th of June, 1841, the whole line was opened between London and Bristol.

The Oxford branch, opened on the 12th of June, 1844, belongs to the Great Western, but it is only the lessee, at a rental of 17,000l. a year, of the branch line from Swindon to Gloucester, opened throughout on the 12th of May, 1845; and of the Bristol and Exeter, opened throughout on the 1st of May,

The progress of the traffic is shown by the following half-yearly summaries, which include the receipts of the branch lines:—

Six months ending-	Receipts.	
December 31, 1839	£65,885	
June 30, 1840	89,937	
December 31, 1840	153,912	
June 30, 1841	187,780	
December 31, 1841	337,352	
June 30, 1842	310,871	
December 31, 1842	359,376	
June 30, 1843	330,847	
December 31, 1843	377,797	
June 30, 1844	369,904	
December 31, 1844	440,046	
June 30, 1845		

The works appear comparatively light as far as Box tunnel, 101 miles from Paddington. The length of this tunnel is 3,168 yards. Hence all the way to Bristol the works present various kinds of engineering difficulties and interest. In the last seven
difficulties and interest. In the last seven
433,296

The works appear comparatively light as far as Box tunnel, 101 miles from Paddington. Had not this invention been such as far as Box tunnel, 101 miles from Paddington. The length of this tunnel is 3,168 yards. Hence all the way to Bristol the works present various kinds of engineering difficulties and interest. In the last seven
office, No. 1 Hanover st., N. York.

With the experience of only the Liverpool teen miles before reaching Bristol, there are and Manchester railway before him, Mr. I five short tunnels besides the Box tunnel. K Brunel, who inherits the genius and en- The cuttings are lighter than is generally Manchester, 100,000.

The precise gradients of the whole line are given at each point on the chart, from the official sections. It will be observed that, as far as Didcot, 51 miles from Paddington, the line is almost on a dead level, rising generally less than 4 feet per mile, or 1 in 1320. From this point to Swindon, the highest point on the line, is a rise of 147 feet, making Swindon in all 263 feet above Paddington

Swindon in all 263 feet above Paddington

Resisted.

Sylvanor in Bridgeport, on and set in Bridgeport, on and set in Bridgeport, February 14, 1846.

Sylvanor in Bridgeport, on and set in Bridgeport, on and set in Bridgeport, February 14, 1846.

Sylvanor in all 264.

Sylvanor in Bridgeport, on and set in Bridgeport, on and set in are given at each point on the chart, from the pronounced superior to Francis' "Roman." Its value for Aqueducts, Locks, Bridges, Flooms and all Masonry exposed to dampness, is well known, as it sets immediately under water, and increases in solidity for years.

Swindon in all 263 feet above Paddington

Resisted.

The cost of the Great Western, from Paddington to Bristol, has been as follows :-

Works, surveying permanent way	£5,054,180
Carriages and engines	578,331
Land Law	790.218
Law	99,091
Other expenses	156,305

P

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£6,678,125

Inchester, 100,000.

posals will be received at Bridgeport, until the 20th of March next, for re-laying the Housatonic railroad with an H rail.

142 Front street, New York.

Orders for the above will be received and promptly attended to at this office.

KITE'S PATENT SAFETY BEAM.

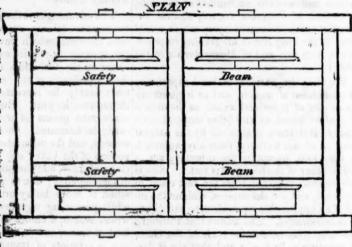
M ESSES. EDITORS.— As your Journal is devoted to the benelowing circumstance of no inconsiderable phia, Wilmington and

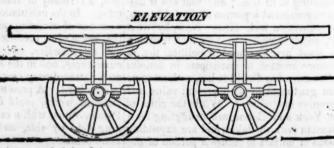
On the passage of the evening train of cars from Philadelphia to this city, an axle of our large 8 wheeled passenger car was broken, but from the particular plan of the construction, the accident was entirely unknown to any of the passengers, or, in fact, to the conductor himself, un til the train, (as was supposed from some circumstances attend-ing the case,) had pass ed several miles in advance of the place where the accident occurred, whereas nad the car been constructed on the common plan he same kind of acci-

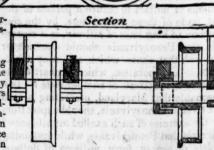
dent would unavoidably have much injured it, per-haps thrown the whole train off the track, and seriously injured, if not killed many of the passengers.

Wilmington, Del., Sept. 28, 1840.

The undersigned takes pleasure in attesting to the value of Mr. Joseph S. Kite's invention of the Safety Beam Axle and Hub for railroad cars. They have for some time been applied to passenger cars on this road, and experience has tested that they fully accomplish the object intended. Several instances of the fracture of axles have occurred, and in such the cars have uniformly run the whole distance





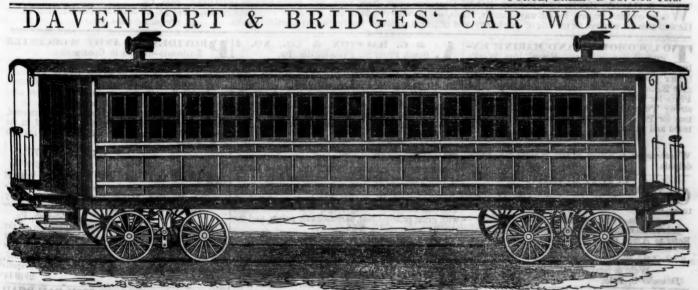


PATENT HAMMERED RAILROAD, SHIF and Boat Spikes. The Albany Iron and Nail Works have always on hand, of their own manifers of their own manifers of head. From the excellence of the material aways used in their manufacture, and their very general use for railroads and other proposes in this country, the manufactures have no hesitation in warranting them fully equal to the best spikes in manifers and Managers are respectfully invited as the subscriber at the works, will be promptly to executed. JOHN F. WINSLOW, Agent of the propose of the prop

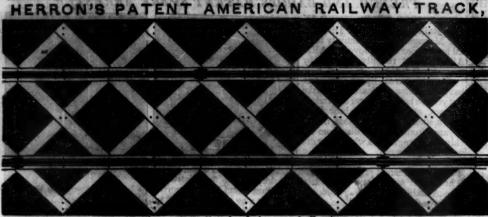
ENTLEY'S PATENT TUBULAR STEAM BOILER. The above named Boiler is similar in principle to the Locomotive boilers in use on our Railroads. This particular method was invented by Charles W. Bentiey, of Baltimore, Md., who has obtained a patent for the same from the Patent Office of the United States, under date of September 1st, 1843—and they are now already in successful operation in several of our larger Hotels and Public Institutions, Colleges, Alms Houses, Hospitals and Prisons, for cooking, washing, etc.; for Bath houses, Hatters, Silk, Cotton and Woollen Dyers, Morocco dressers, Soap boilers, Tallow chandlers, Pork butchers, Glue makers, Sugar refiners, Farmers, Distillers, Cotton and Woollen mills, Warming Buildings, and for Propelling Power, etc.; and thus far have given the most entire satisfaction, may be had of D. K. MINOR, 23 Chambers st. New York.

The article is complete in itself, occupies but little space, is perfectly portable, and requires no brick work, not even to stand upon. It is valuable not only in the saving of time and labor, but in the economy of fret, as it has been ascertained by accurate measurement, that the saving in that article is fully two-thirds over other methods heretofore in use. They are now for the first time introduced into New York and Boston by the subscriber, who has the exclusive right for the New England states, New York and New Jersey, and are manufactured by

FORCE, GREEN & CO. New York.



DAVENPORT & BRIDGES CONTINUE TO MANUFACTURE TO ORDER, AT THEIR WORKS, IN CAMBRIDGEPORT, MASS Passenger and Freight Cars of every description, and of the most improved pattern. They lso furnish Snow Ploughs and Chilled Wheels of any pattern and size. Forged Axles, Springs, Boxes and Bolts for Cars at the lowest prices. All order punctually executed and forwarded to any part of the country, where the provided in the country of the country



As seen stripped of the top ballasting

ERRON'S IMPROVEMENTS IN RAIL- 60 and 70 lbs. rails laid in the usual way. The propri way Superstructure effect a large aggregate saving in the working expenses, and maintenance of railways, compared with the best tracks in use. This saving is effected—1st, Directly by the amount of the increased load that will be hauled by a locomotive, owing to the superior evenness of surface, of line and of joint. This gain alone may amount to 20 per cent. on the usual load of an engine.—2d, In consequence of the thorough combination, bracing, and large bearing surface of this track, it will be maintained in a better condition than any other track in use, at about one-third the expense.—3d, As action and reaction are equal, a corresponding saving of about two-thirds will be effected in the wear and tear of the engines and cars, by the even surface and saving of about two-thirds will be effected in the wear and tear of the engines and cars, by the even surface and elastic structure of the track.—4th, The great security to life, and less liability to accident or damage, should the engine or cars be thrown off the rails.—5th, The absence engine or cars be thrown off the rails.—5th, The absence of jar and vibration, that shake down retaining walls, embankments and bridges.—6th, The great advantage of the high speed that may be safely attained, with ease of motion, reduction of noise, and consequently increased comfort to the traveller.—7th, The really permanent and perfect character of the Way, insuring regularity of transit. To which may be added the great increase of travel, that would be induced by the foregoing qualities to augment the resume of the railroad. to augment the revenue of the railroad.

The cost of the Patent track will depend on the quantity and cost of iron and other materials; but it will not the average cost of the tracks on our principal railroads. the repairs due to the additional tonnage, Generally, the timber structure, fastenings and workmanship, exclusive of the cost of the iron rails, will be from \$2,300 to \$4,000 per mile. On this structure, rails of from 40 to 50 lbs. per yard, will be eoual in effect to

etors of a road, furnishing approved materials in the first instance, the undersigned will construct the track on his plan in the most perfect manner, with recent im-provements, for one thousand dollars per mile. And he will farther contract to maintain said track for the periwill farther contract to maintain said track for the period of ten years, furnishing such preserved timber and iron fastenings as may be required, and keeping said track in perfect adjustment, under any trade not exceeding 100,000 tons per annum, or its equivalent in passenger transportation, for Two hundred dollars per mile per annum.* To insure the faithful performance of this contract, he will pledge one-fourth of the cost of construction, with the accruing interest thereon, regularly vested, until the completion of the contract. So that a company, by securing payment to the undersigned at the vested, until the completion of the contract. So that a company, by securing payment to the undersigned at the specified period, will have only \$750 per mile to pay for the workmanship on the track, without any charge being made for the use of the patent, the subsequent payments, for maintenance of way, and amount withheld, being made from the large margin of profits that will result from its use.

JAMES HERRON.

Civil Engineer and Patentee.

No. 277 South Touth St., Philadelphia.

A general average of the repairs done on six of the most successful railroads in this country, for a period of from six to eight years' use has been found to exceed \$625 per mile per annum, exclusive of renewal of rails. But few roads in this country carry as much as 100,000 tons per annum. When a road exceeds that quantity, the repairs due to the additional tonnage, up to 200,000 tons, will be charged at one mill per ton; over the latter, and not exceeding 300,000 tons, nine-tenths of a mill, etc. Where there are two tracks to maintain, a large

R. CASEY, CIVIL ENGINEER, NO. 23 Chambers street, New York, will make surveys estimates of cost and reports for railways, canals, roads, docks, wharves, dams and bridges of every description. He will also act as agent for the sale of machinery, and of patent rights for improvements to public works.

& G. RALSTON & CO., NO. 4

South Front St., Philadelphia, Pa.

Have now on hand, for sale, Railroad Iron, viz:
180 tons 2½ x ‡ inch Flat Punched Rails, 20 ft. long.
25 " 2½ x ‡ " Flange Iron Rails.
75 " 1 x ‡ " Flat Punched Bars for Drafts
in Mines. A full assortment of Railroad Spikes,
Boat and Ship Spikes. They are prepared to execute orders for every description of Railroad Iron
and Fixtures. TO LOCOMOTIVE AND MARINE EN-gine Boiler Builders. Pascal Iron Works, Philadelphia. Welded Wrought Iron Flues, suita-Philadelphia. Welded Wrought Iron Flues, suitable for Locomotives, Marine and other Steam Engine Boilers, from 2 to 5 inches in diameter. Also,

Pipes for Gas, Steam and other purposes; extra strong Tube for Hydraulic Presses; Hollow Pis-tons for Pumps of Steam Engines, etc. Manufac-tured and for sale by MORRIS TASKER & MORRIS, and Fixtures.

Warecouse S. E. corner 3d and Walnut Sts., Phila delphia GENERAL COMMISSION MERCHANT and Agent for Coal, and also Iron Manufac-

No. 1 CITY WHARP, Boston.

Advances made on Consignments.

Refer to Amos Binney, Boston. Brown, Earl & Erringer, Philadelphia.
Weld & Seaver, Ballimore.

December 8, 1845.

1m 50

CRIBNER'S ENGINEERS' AND ME-chanics' Companion. For sale at this office. Price \$1:50.

and Fixtures.

PRING STEEL FOR LOCOMOTIVES,
Tenders and Cars. The Subscriber is engagep in manufacturing Spring Steel from 14 to 6 inches in width, and of any thickness required: large quantities are yearly furnished for railroad purposes, and wherever used, its quality has been approved of. The establishment being large, can execute orders with great promptitude, at reasonable prices, and the quality warranted. Address

JOAN F. WINSLOW, Agent,
Albany Iron and Nail Works,
Troy, N. V.

Troy, N. Y.

RAILROAD IRON WANTED. WANted, 50 tons of Light Flat Bar Railroad Iron.
The advertisers would prefer second-hand iron, if
not too much worn. Address Box 384 Philadelphia
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